

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
 Data File : BF116898.D
 Acq On : 9 Sep 2019 15:58
 Operator : HP/JU
 Sample : PB122847BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 16:39:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	83662	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	361681	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	190562	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	311725	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	226384	20.00	ng	0.00
87) Perylene-d12	15.44	264	165034	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	562800	108.98	ng	0.00
7) Phenol-d6	6.47	99	722582	106.56	ng	0.00
23) Nitrobenzene-d5	7.40	82	418516	66.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	159518	125.22	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	740469	65.55	ng	-0.02
79) Terphenyl-d14	12.93	244	736539	60.19	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.69	88	85800	35.992	ng	95
3) Pyridine	3.43	79	189597	27.469	ng	91
4) n-Nitrosodimethylamine	3.36	42	84194	35.522	ng	81
6) Aniline	6.50	93	251307	26.757	ng	99
8) 2-Chlorophenol	6.63	128	249390	44.239	ng	100
9) Benzaldehyde	6.38	77	110146	24.655	ng	98
10) Phenol	6.49	94	311760	41.519	ng	92
11) bis(2-Chloroethyl)ether	6.57	93	232366	39.743	ng	98
12) 1,3-Dichlorobenzene	6.78	146	243659	38.243	ng	96
13) 1,4-Dichlorobenzene	6.85	146	251659	39.674	ng	99
14) 1,2-Dichlorobenzene	7.01	146	234687	39.923	ng	97
15) Benzyl Alcohol	6.98	79	226956	41.232	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	225810	32.918	ng	87
17) 2-Methylphenol	7.09	107	209621	42.477	ng	98
18) Hexachloroethane	7.35	117	95569	38.779	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	176459	39.521	ng	90
20) 3+4-Methylphenols	7.25	107	261939	45.650	ng	# 80
22) Acetophenone	7.25	105	359170	41.248	ng	# 96
24) Nitrobenzene	7.42	77	272024	42.216	ng	96
25) Isophorone	7.66	82	495162	38.570	ng	99
26) 2-Nitrophenol	7.73	139	125799	52.513	ng	97
27) 2,4-Dimethylphenol	7.77	122	215559	44.554	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	295014	37.604	ng	100
29) 2,4-Dichlorophenol	7.98	162	201786	43.399	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	199653	39.589	ng	96
31) Naphthalene	8.14	128	699958	40.699	ng	99
32) Benzoic acid	7.90	122	138205	50.591	ng	96
33) 4-Chloroaniline	8.19	127	200733	25.641	ng	98
34) Hexachlorobutadiene	8.26	225	110685	40.253	ng	98
35) Caprolactam	8.55	113	33430	19.212	ng	91
36) 4-Chloro-3-methylphenol	8.67	107	236975	44.345	ng	95
37) 2-Methylnaphthalene	8.83	142	480194	41.964	ng	98
38) 1-Methylnaphthalene	8.93	142	444348	41.135	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	186354	40.794	ng	98

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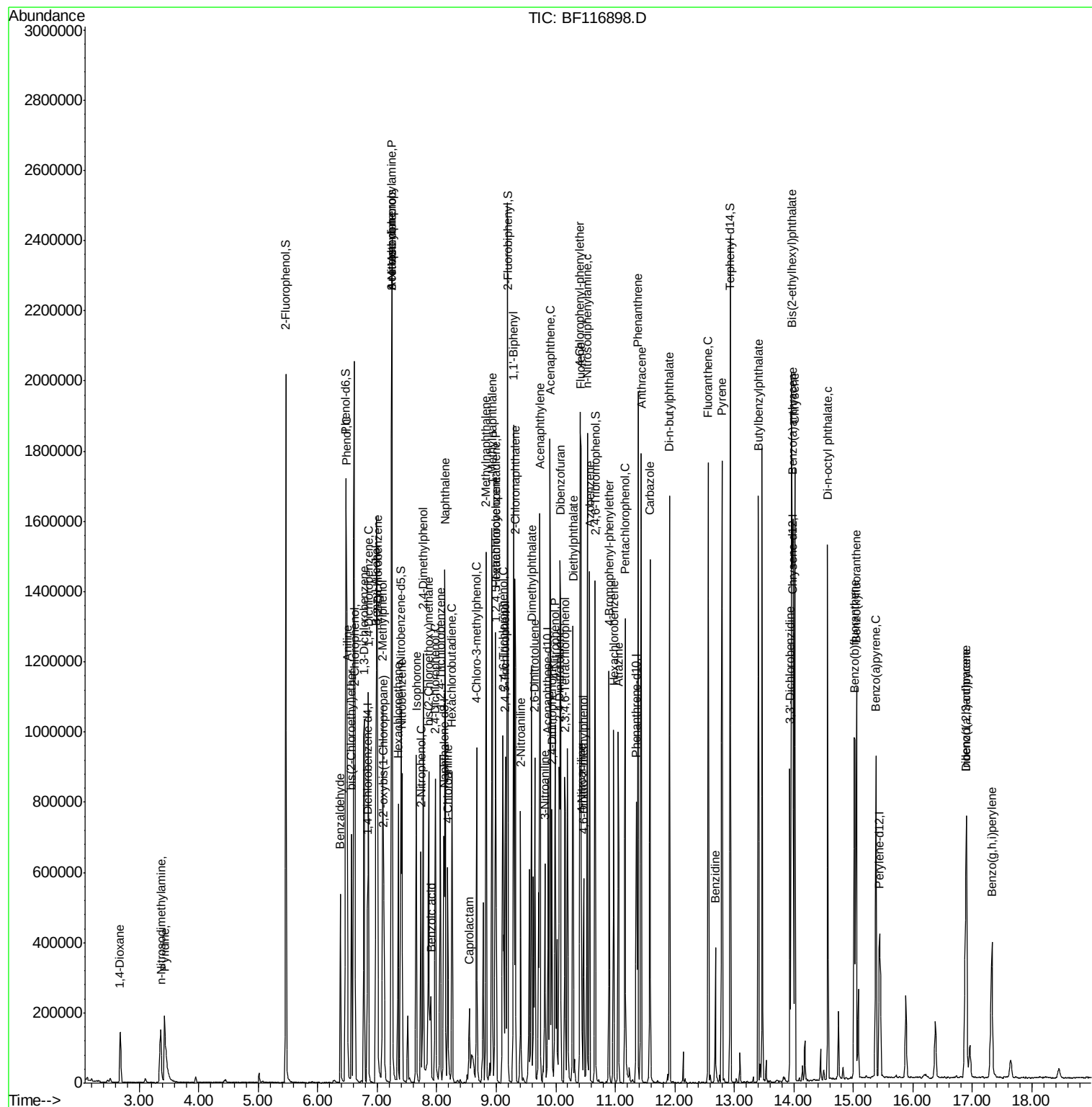
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	153998	58.378	ng	99
43) 2,4,6-Trichlorophenol	9.11	196	132283	42.244	ng	96
44) 2,4,5-Trichlorophenol	9.15	196	145827	44.856	ng	# 92
46) 1,1'-Biphenyl	9.29	154	562958	38.932	ng	98
47) 2-Chloronaphthalene	9.32	162	443752	38.746	ng	98
48) 2-Nitroaniline	9.41	65	141213	42.649	ng	94
49) Acenaphthylene	9.73	152	686756	39.668	ng	99
50) Dimethylphthalate	9.59	163	508099	38.620	ng	99
51) 2,6-Dinitrotoluene	9.65	165	111488	44.415	ng	98
52) Acenaphthene	9.90	154	402558	37.844	ng	98
53) 3-Nitroaniline	9.82	138	96383	30.640	ng	92
54) 2,4-Dinitrophenol	9.93	184	95666	104.312	ng	93
55) Dibenzofuran	10.07	168	605864	40.402	ng	95
56) 4-Nitrophenol	9.99	139	195530	90.652	ng	92
57) 2,4-Dinitrotoluene	10.06	165	148907	48.515	ng	94
58) Fluorene	10.42	166	484660	42.417	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	102604	43.731	ng	97
60) Diethylphthalate	10.29	149	506283	38.417	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	206646	41.300	ng	95
62) 4-Nitroaniline	10.44	138	130930	42.889	ng	95
63) Azobenzene	10.57	77	529859	38.559	ng	95
65) 4,6-Dinitro-2-methylphenol	10.47	198	64819	55.146	ng	80
66) n-Nitrosodiphenylamine	10.53	169	427061	39.603	ng	96
67) 4-Bromophenyl-phenylether	10.90	248	118670	37.474	ng	99
68) Hexachlorobenzene	10.97	284	127724	38.550	ng	94
69) Atrazine	11.05	200	112278	37.176	ng	96
70) Pentachlorophenol	11.16	266	144511	90.164	ng	100
71) Phenanthrene	11.38	178	686198	39.544	ng	100
72) Anthracene	11.43	178	700655	40.111	ng	99
73) Carbazole	11.59	167	669208	40.219	ng	99
74) Di-n-butylphthalate	11.91	149	809730	37.960	ng	100
75) Fluoranthene	12.56	202	711014	41.694	ng	98
77) Benzidine	12.68	184	148415	16.715	ng	99
78) Pyrene	12.79	202	721198	35.838	ng	98
80) Butylbenzylphthalate	13.40	149	345693	35.324	ng	96
81) Benzo(a)anthracene	13.98	228	581790	40.606	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	174219	35.981	ng	96
83) Chrysene	14.02	228	572280	38.769	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	471982	39.070	ng	98
85) Di-n-octyl phthalate	14.57	149	776374	39.272	ng	# 95
86) Indeno(1,2,3-cd)pyrene	16.89	276	407584	34.376	ng	97
88) Benzo(b)fluoranthene	15.02	252	525771	52.695	ng	99
89) Benzo(k)fluoranthene	15.05	252	457879	50.331	ng	99
90) Benzo(a)pyrene	15.38	252	450956	51.949	ng	98
91) Dibenzo(a,h)anthracene	16.90	278	344977	45.402	ng	97
92) Benzo(g,h,i)perylene	17.33	276	335697	43.320	ng	98

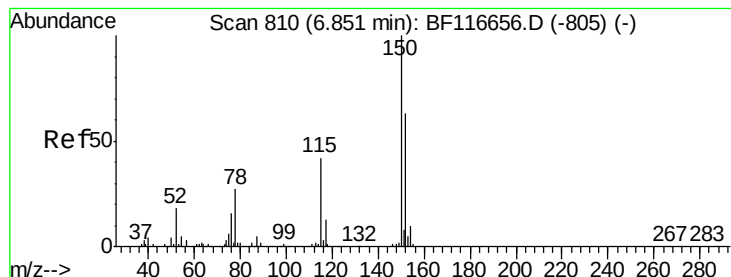
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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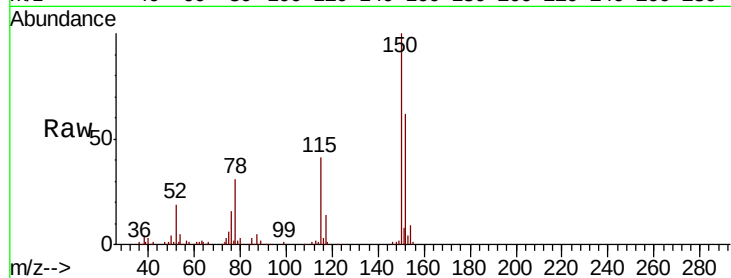


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.4	186.6
115	66.0	49.9	74.9

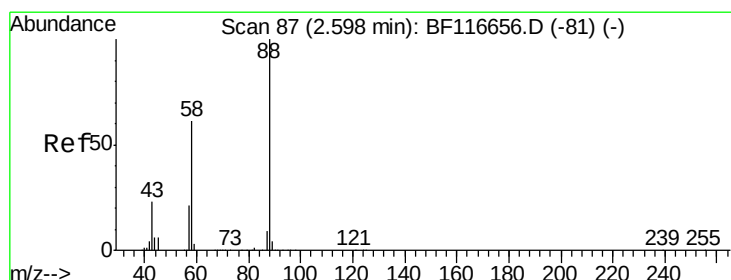
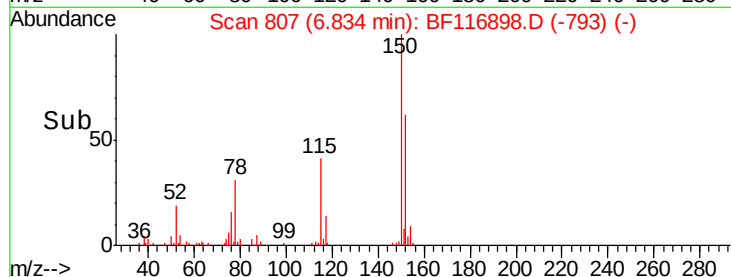
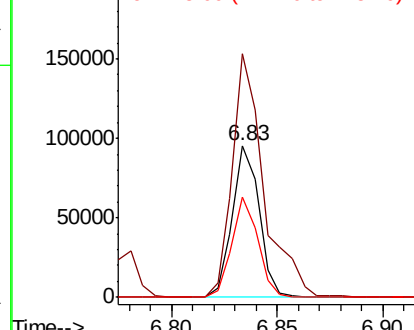


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

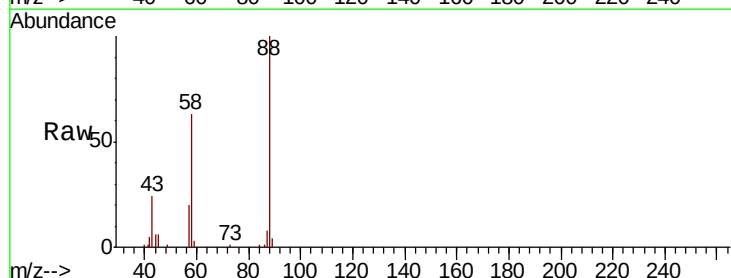
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.992 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.09 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.5	51.7	77.5
43	26.2	19.8	29.8

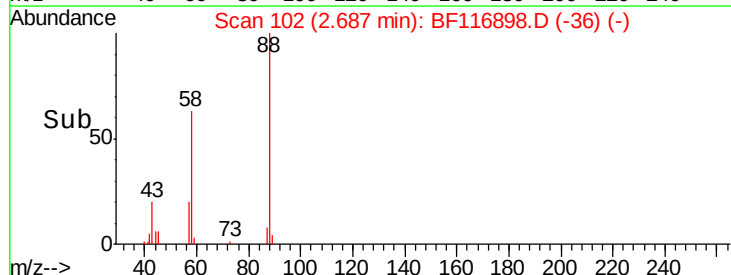
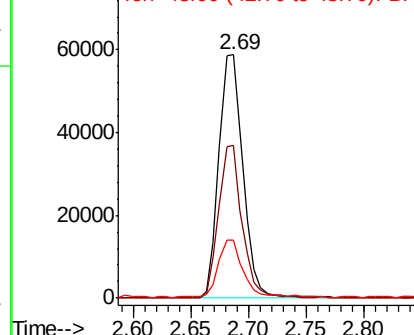


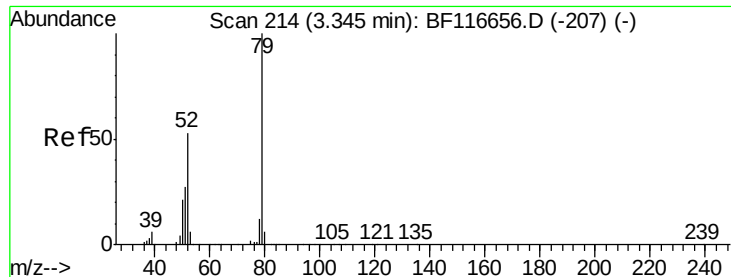
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 27.469 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.08 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

ClientSampled :

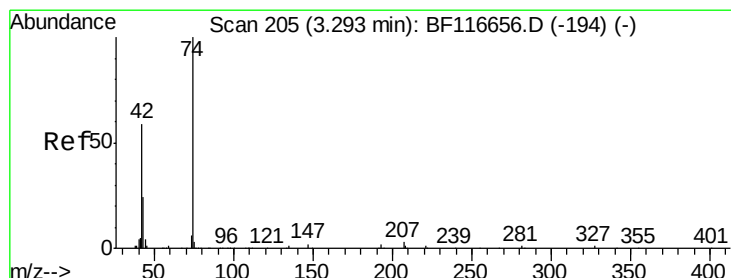
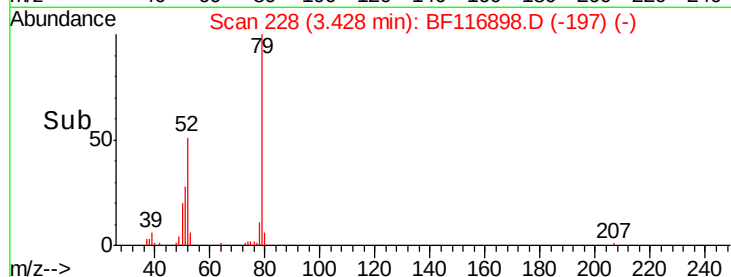
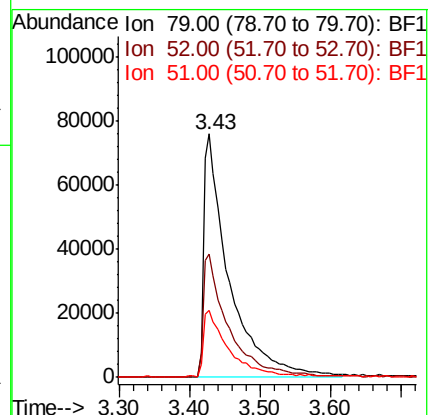
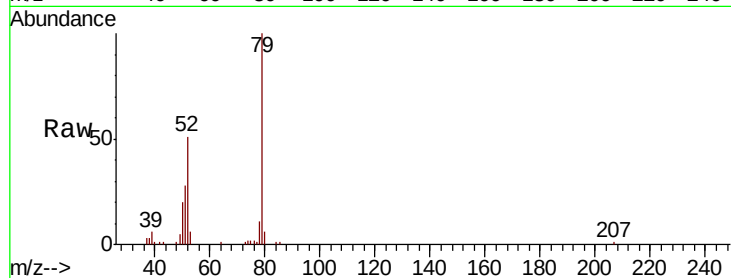
Tot Ion: 79 Resp: 189597

Ion Ratio Lower Upper

79 100

52 50.7 47.4 71.0

51 27.7 24.1 36.1



#4

n-Nitrosodimethylamine

Concen: 35.522 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.07 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

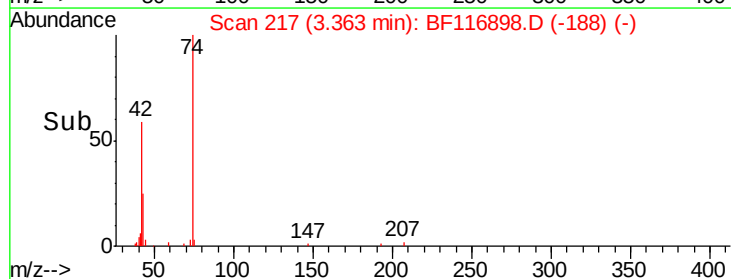
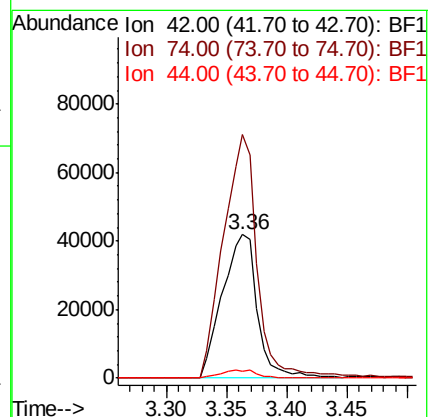
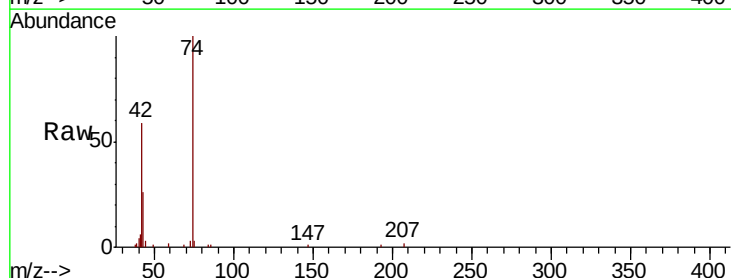
Tgt Ion: 42 Resp: 84194

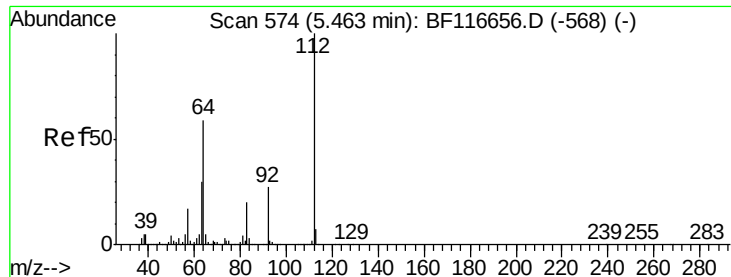
Ion Ratio Lower Upper

42 100

74 169.5 115.6 173.4

44 5.0 4.6 7.0





#5

2-Fluorophenol

Concen: 108.982 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116898.D

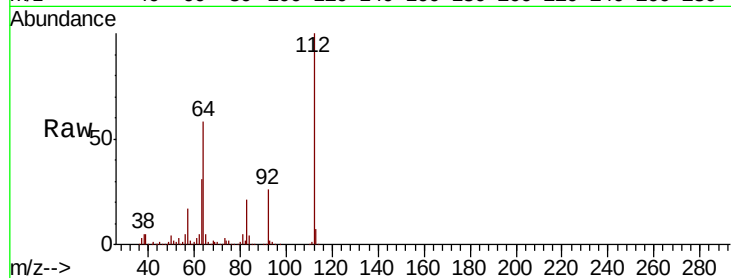
Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

ClientSampleId :

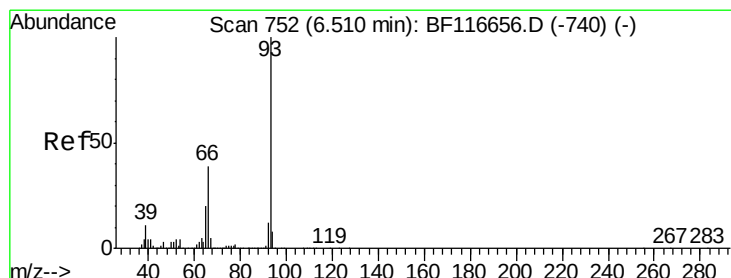
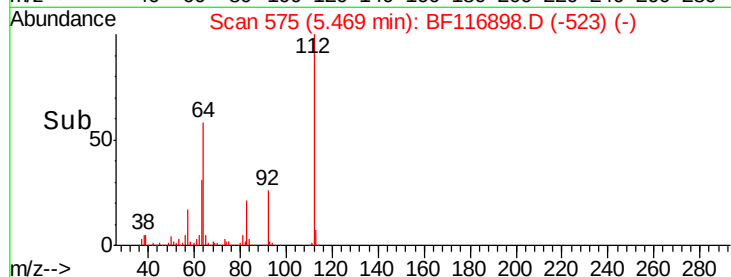
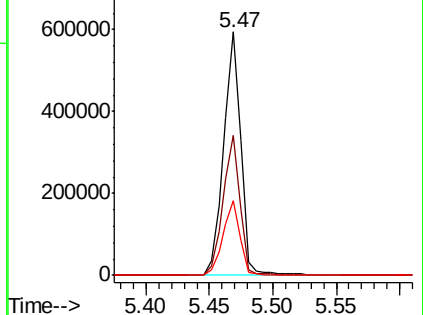
Tot Ion:	112	Resp:	562800
Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.1	70.7
63	30.5	24.9	37.3



Abundance Ion 112.00 (111.70 to 112.70): BF116656.D (-568) (-)

Ion 64.00 (63.70 to 64.70): BF116656.D (-568) (-)

Ion 63.00 (62.70 to 63.70): BF116656.D (-568) (-)



#6

Aniline

Concen: 26.757 ng

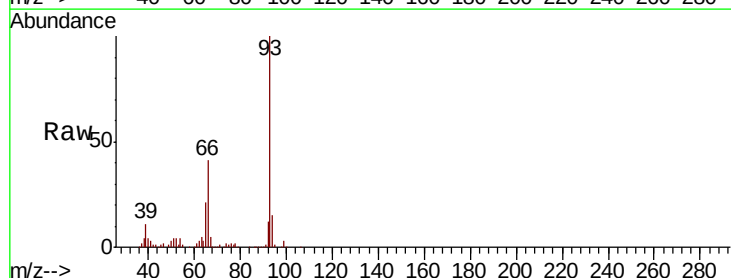
RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

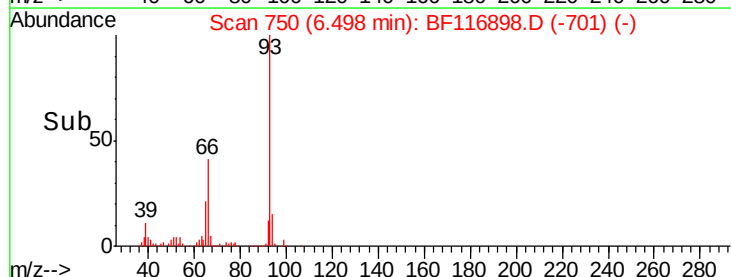
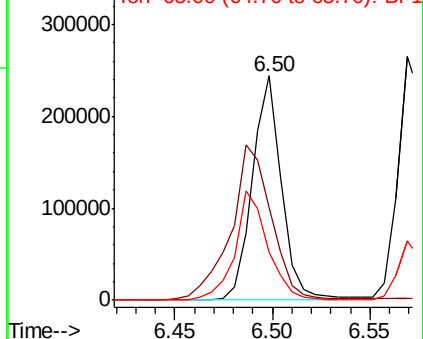
Tgt Ion:	93	Resp:	251307
Ion	Ratio	Lower	Upper
93	100		
66	41.3	32.7	49.1
65	21.4	16.3	24.5

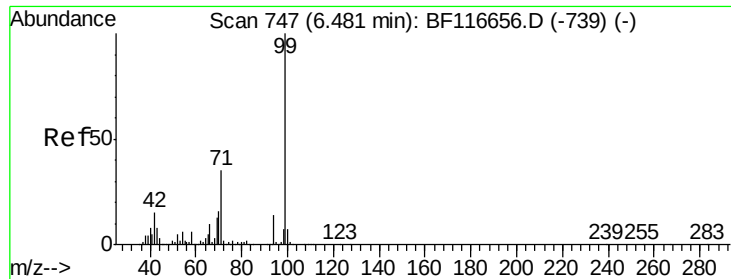


Abundance Ion 93.00 (92.70 to 93.70): BF116656.D (-740) (-)

Ion 66.00 (65.70 to 66.70): BF116656.D (-740) (-)

Ion 65.00 (64.70 to 65.70): BF116656.D (-740) (-)





#7

Phenol-d6

Concen: 106.558 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

ClientSampleId :

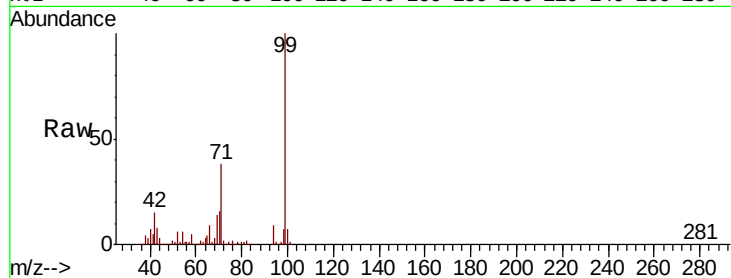
Tot Ion: 99 Resp: 722582

Ion Ratio Lower Upper

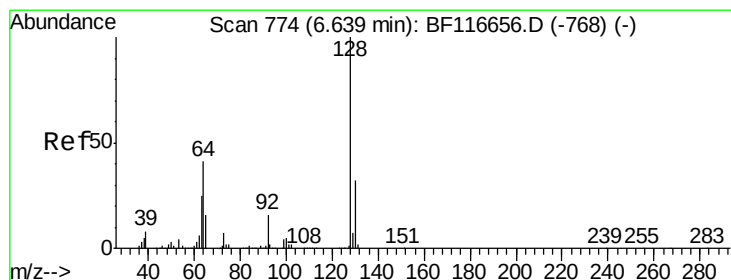
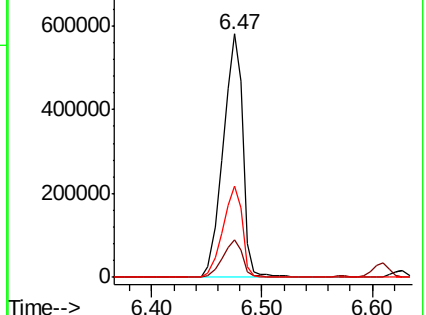
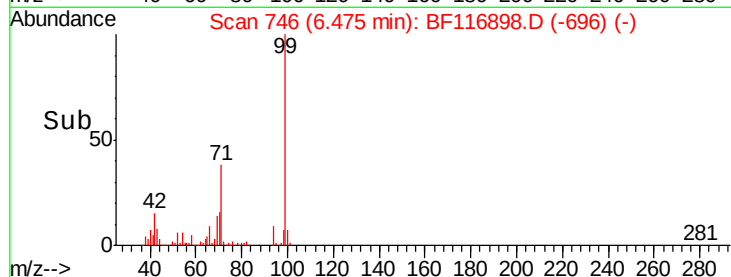
99 100

42 15.4 13.7 20.5

71 37.5 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.239 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

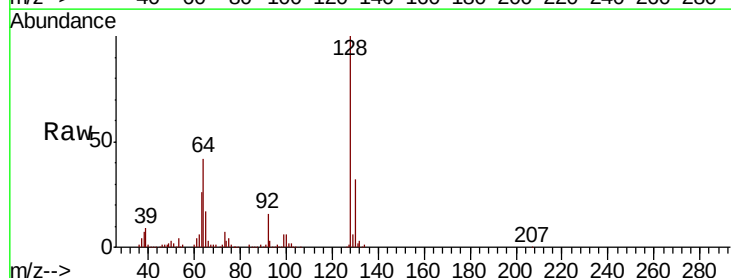
Tgt Ion: 128 Resp: 249390

Ion Ratio Lower Upper

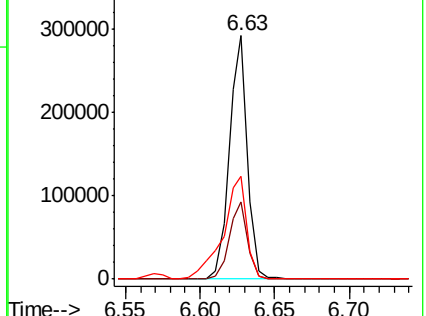
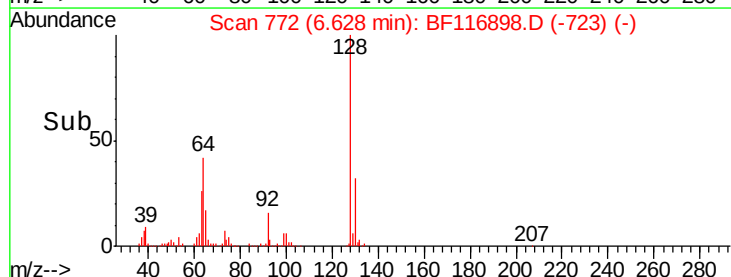
128 100

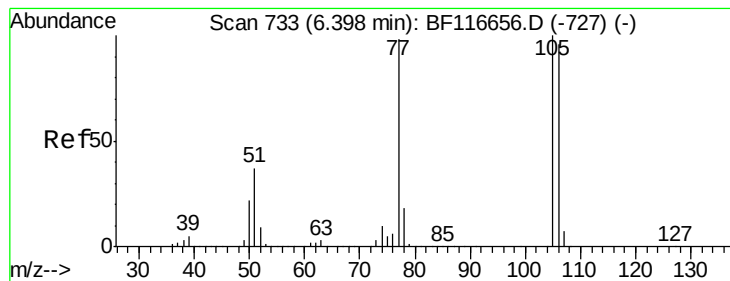
130 31.9 12.3 52.3

64 42.3 22.5 62.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.655 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

ClientSampleId :

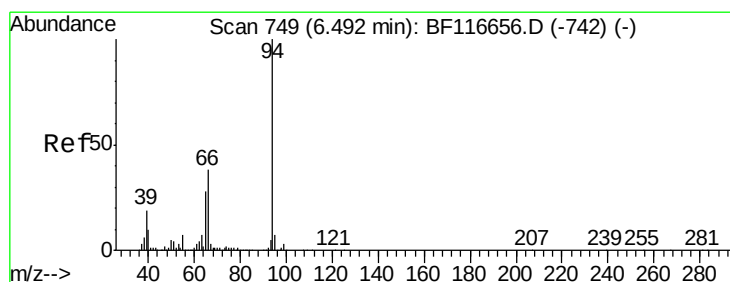
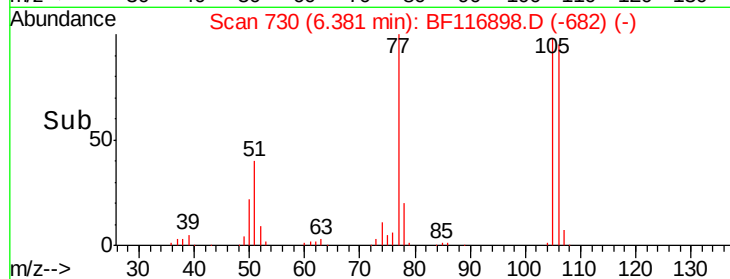
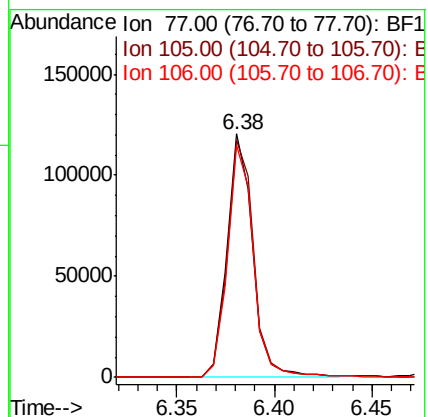
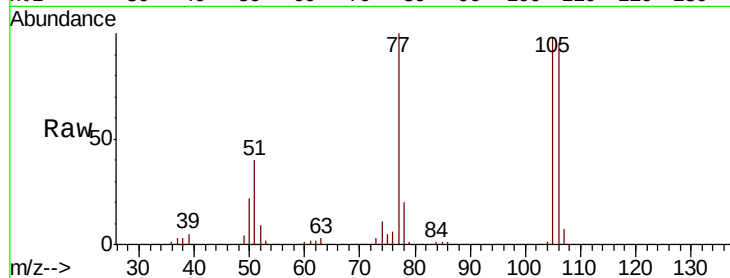
Tot Ion: 77 Resp: 110146

Ion Ratio Lower Upper

77 100

105 97.7 76.7 116.7

106 95.2 73.1 113.1



#10

Phenol

Concen: 41.519 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

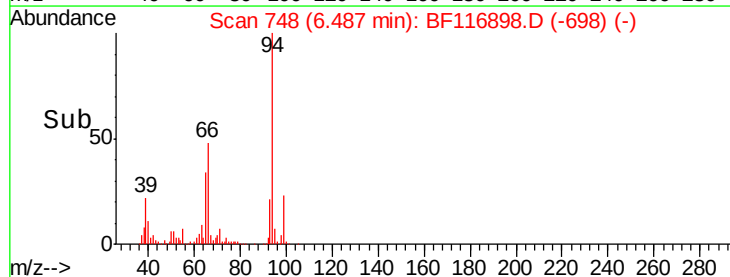
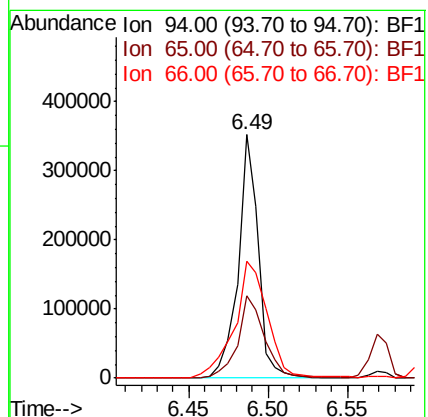
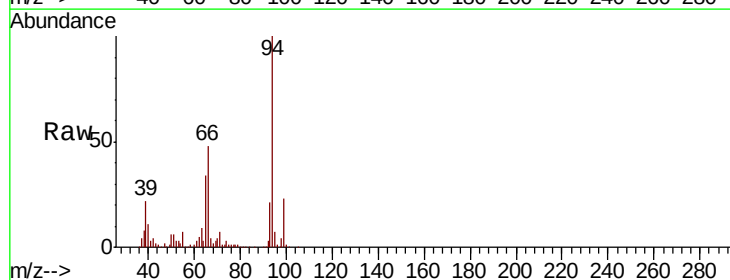
Tgt Ion: 94 Resp: 311760

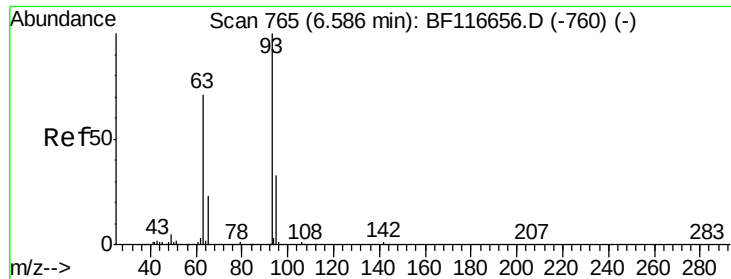
Ion Ratio Lower Upper

94 100

65 33.7 10.8 50.8

66 47.9 21.1 61.1





#11

bis(2-Chloroethyl)ether

Concen: 39.743 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

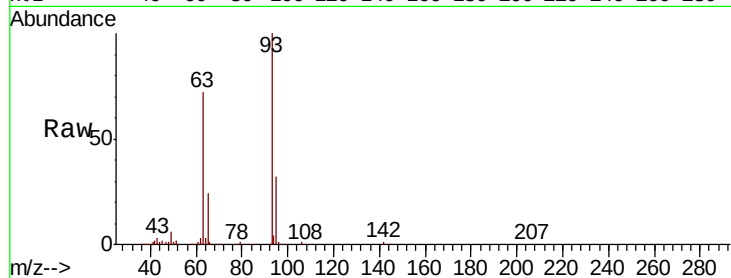
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 232366

Ion	Ratio	Lower	Upper
93	100		
63	71.6	49.9	89.9
95	32.2	12.7	52.7

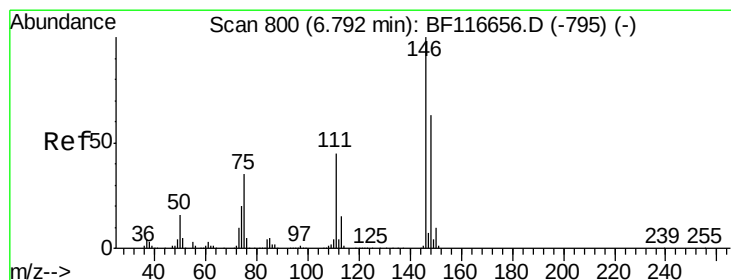
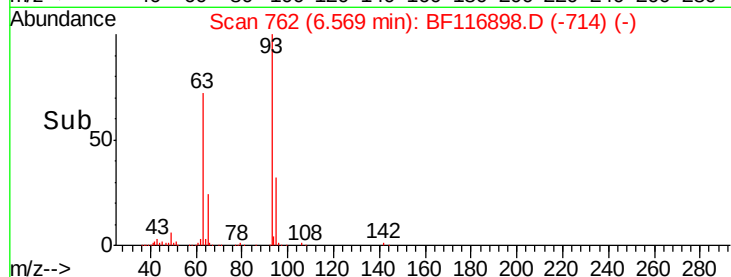
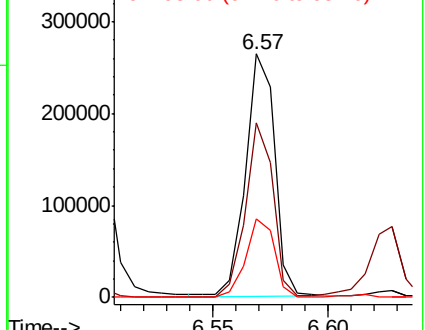


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.243 ng

RT: 6.78 min Scan# 798

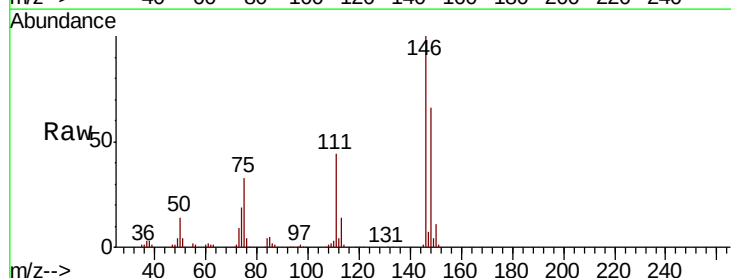
Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Tgt Ion: 146 Resp: 243659

Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.4	77.0
75	32.6	29.6	44.4

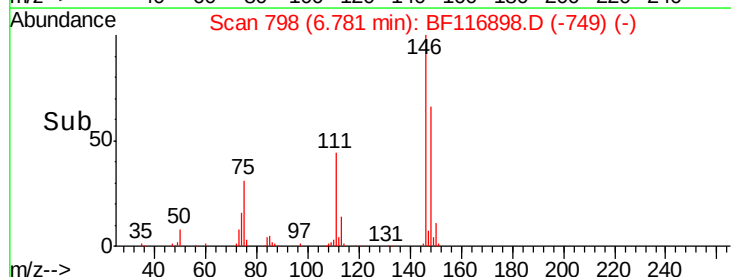
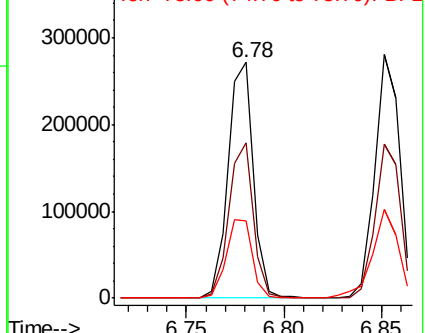


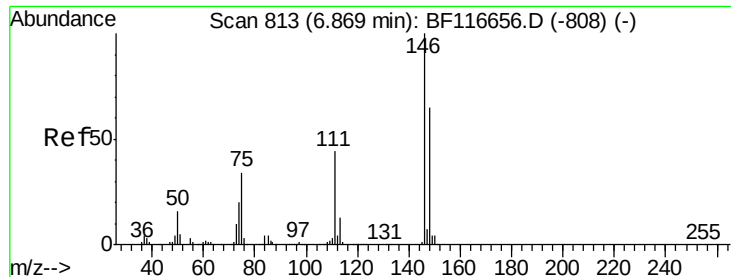
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

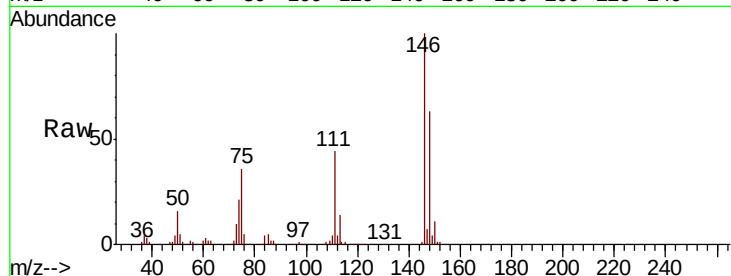




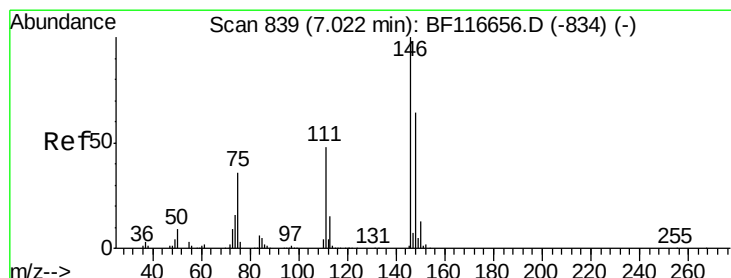
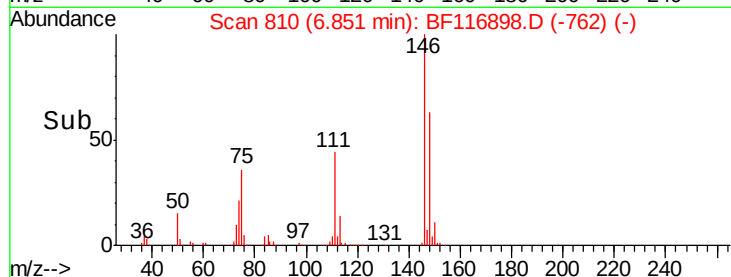
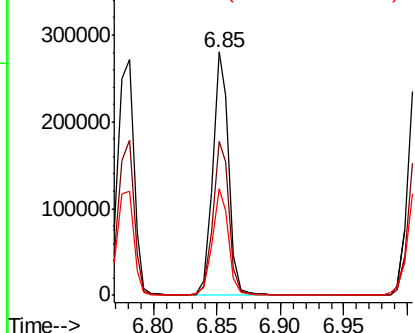
#13
 1,4-Dichlorobenzene
 Concen: 39.674 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.2
111	43.8	34.8	52.2

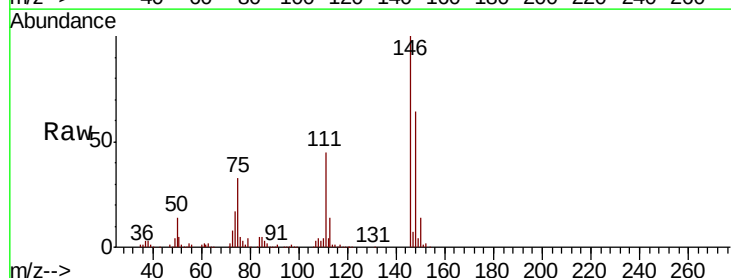


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

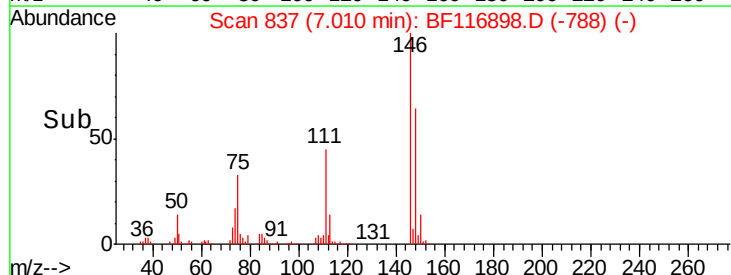
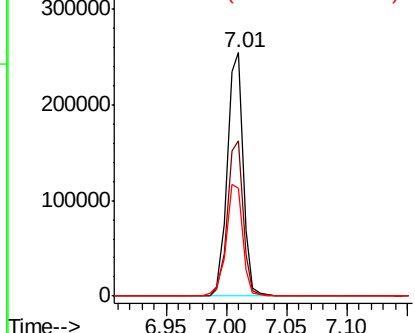


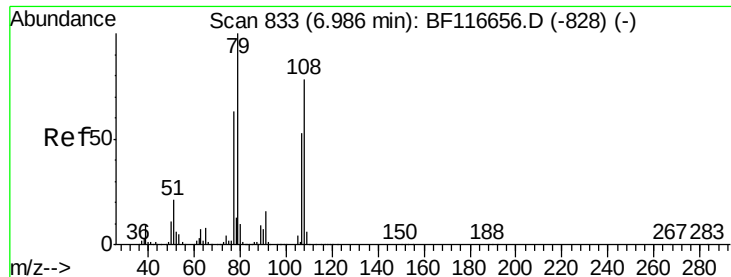
#14
 1,2-Dichlorobenzene
 Concen: 39.923 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.6	78.8
111	44.5	34.2	51.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.232 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

ClientSampled :

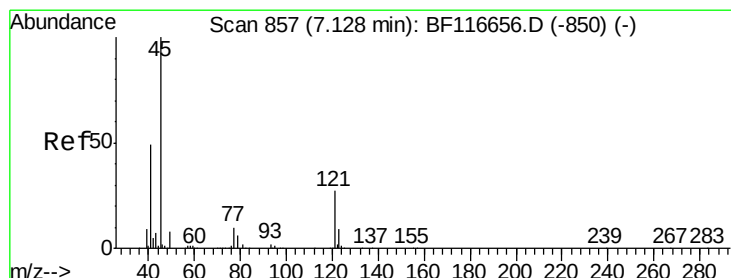
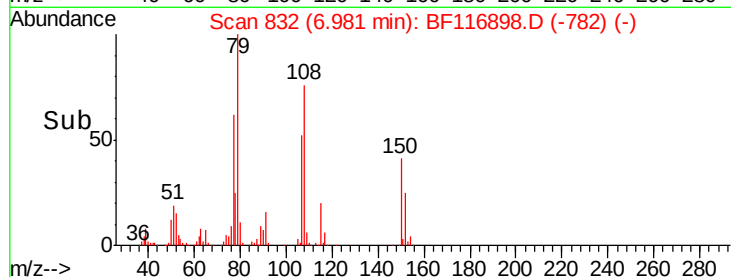
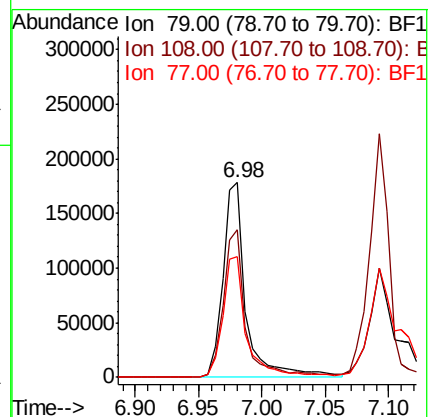
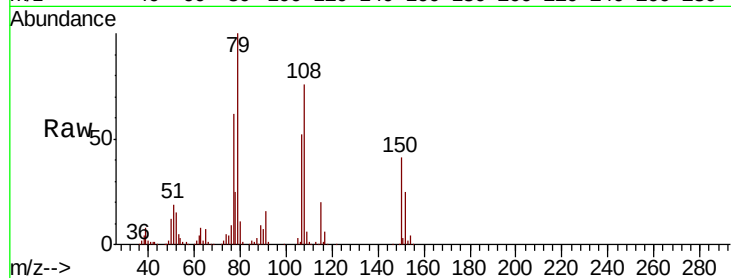
Tot Ion: 79 Resp: 226956

Ion Ratio Lower Upper

79 100

108 75.7 59.2 88.8

77 62.2 53.0 79.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.918 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

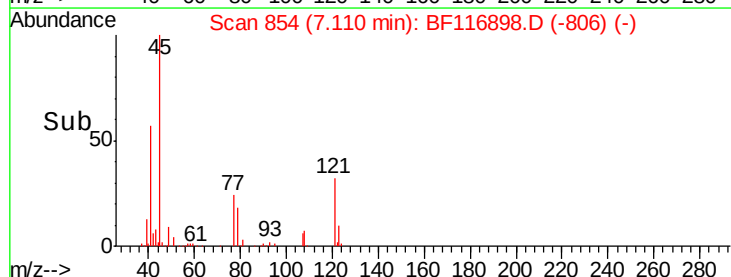
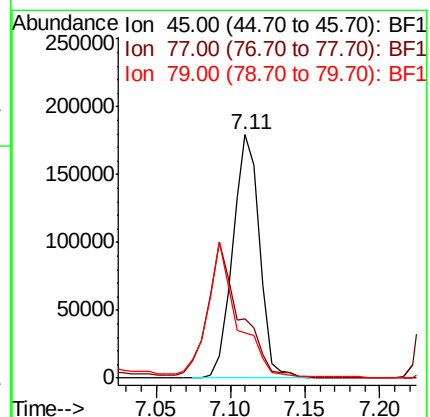
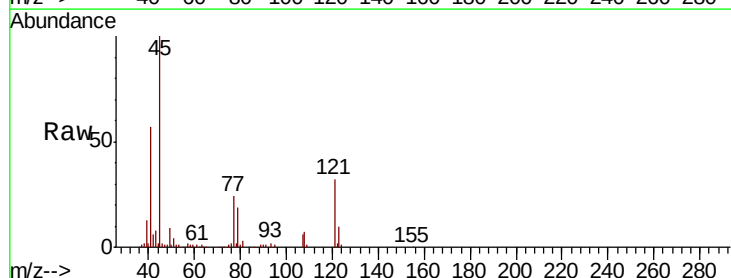
Tgt Ion: 45 Resp: 225810

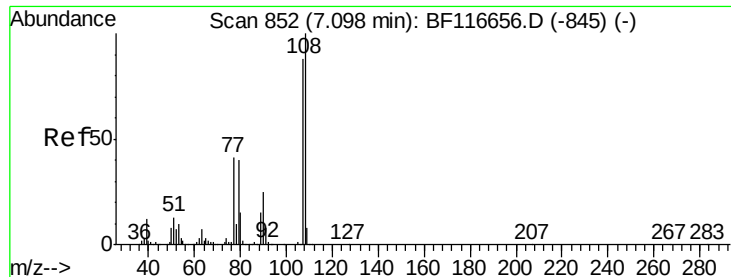
Ion Ratio Lower Upper

45 100

77 24.3 0.0 38.2

79 18.7 0.0 33.9

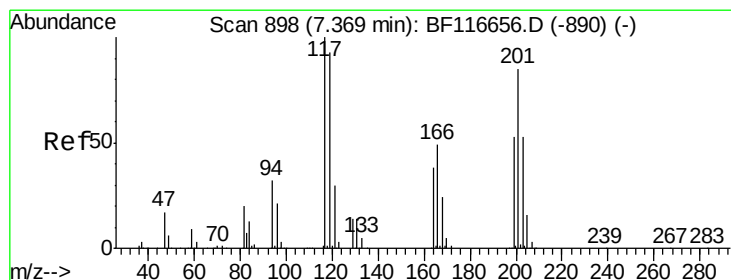
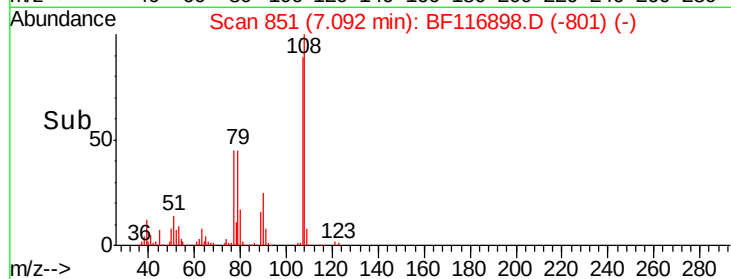
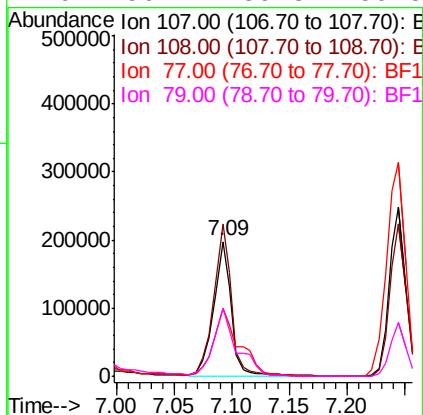
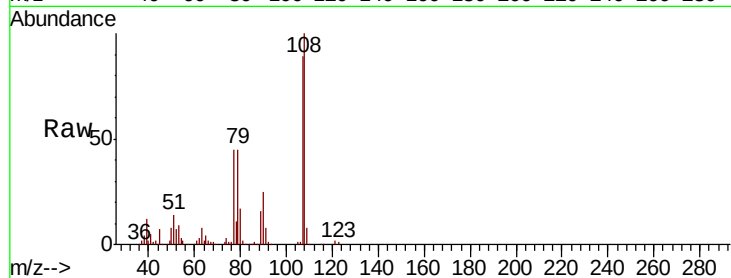




#17
2-Methylphenol
Concen: 42.477 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

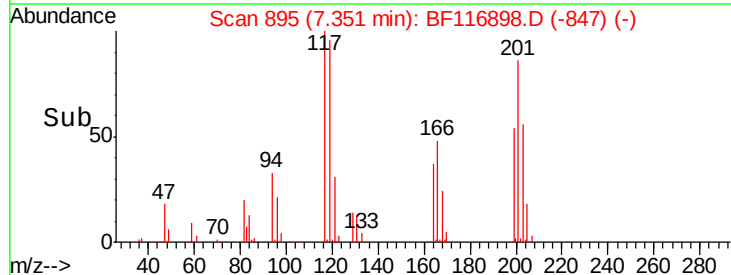
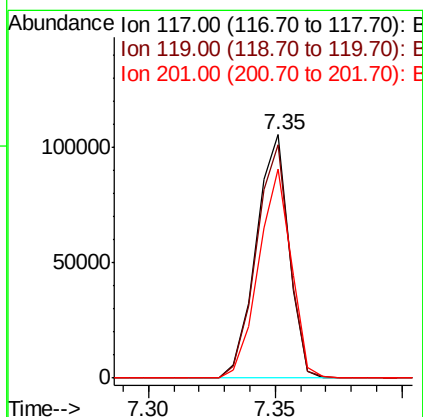
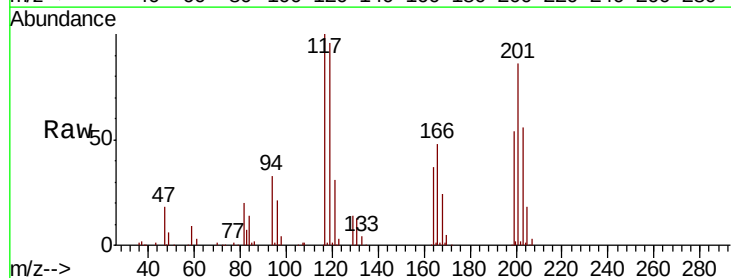
Instrument :
BNA_F
ClientSampled :

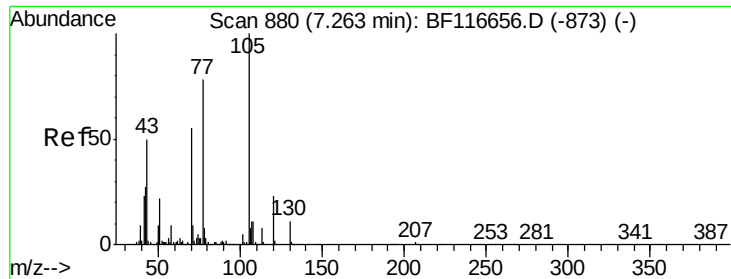
Tot Ion:	107	Resp:	209621
Ion	Ratio	Lower	Upper
107	100		
108	112.9	88.3	132.5
77	50.9	39.9	59.9
79	50.7	39.8	59.8



#18
Hexachloroethane
Concen: 38.779 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion:	117	Resp:	95569
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
201	85.7	79.4	119.0

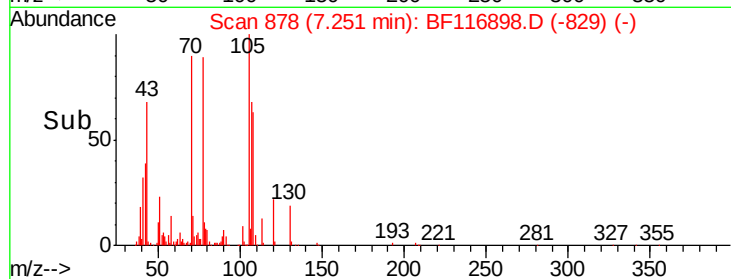
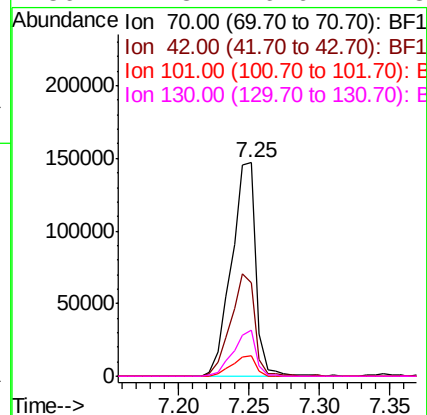
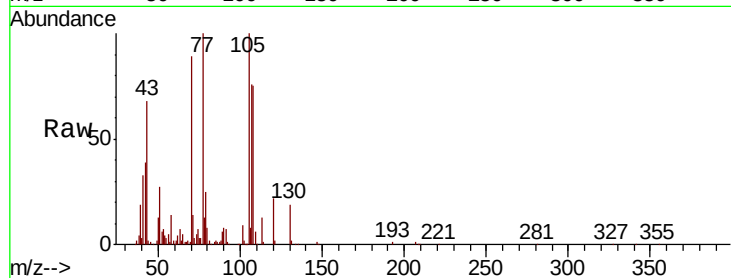




#19
n-Nitroso-di-n-propylamine
Concen: 39.521 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

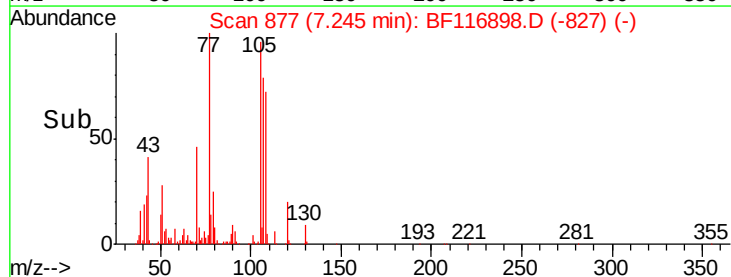
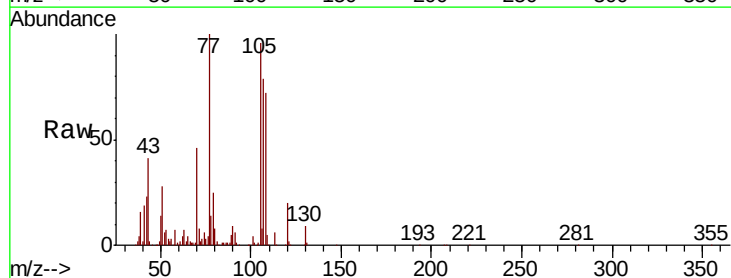
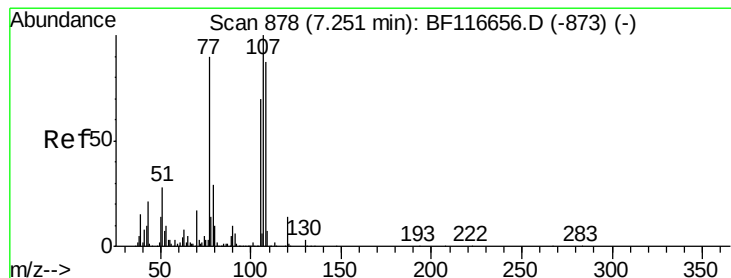
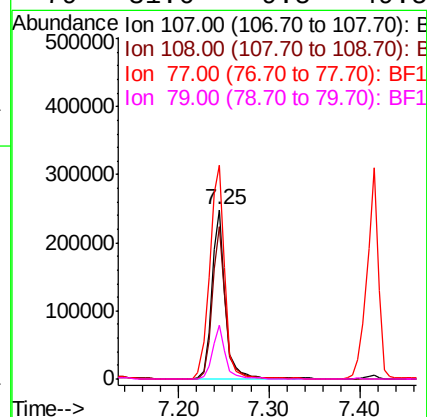
Instrument :
BNA_F
ClientSampleId :

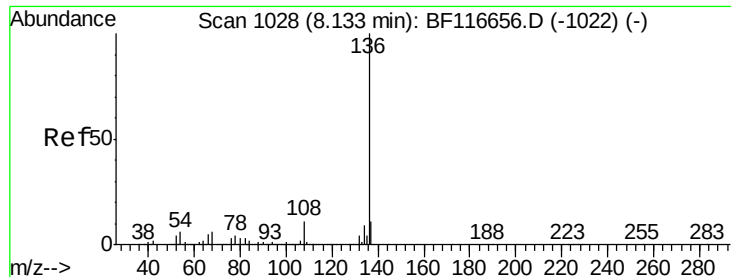
Tot Ion:	70	Resp:	176459
Ion	Ratio	Lower	Upper
70	100		
42	43.8	43.5	65.3
101	9.8	7.8	11.6
130	21.3	16.6	24.8



#20
3+4-Methylphenols
Concen: 45.650 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion:	107	Resp:	261939
Ion	Ratio	Lower	Upper
107	100		
108	90.2	65.5	105.5
77	125.9	69.4	109.4#
79	31.6	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 361681

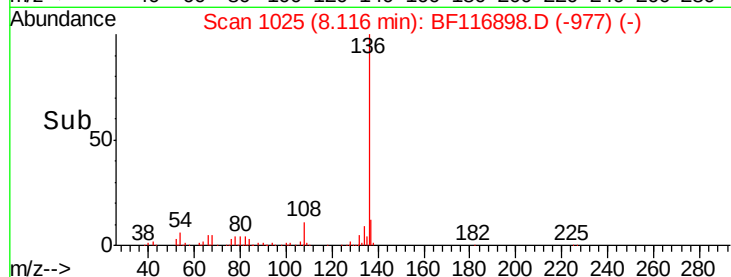
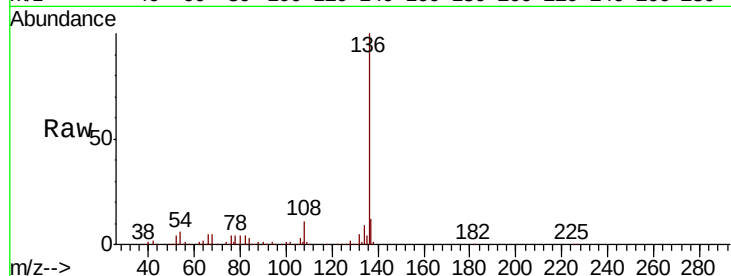
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 6.1 4.8 7.2

68 4.9 4.0 6.0

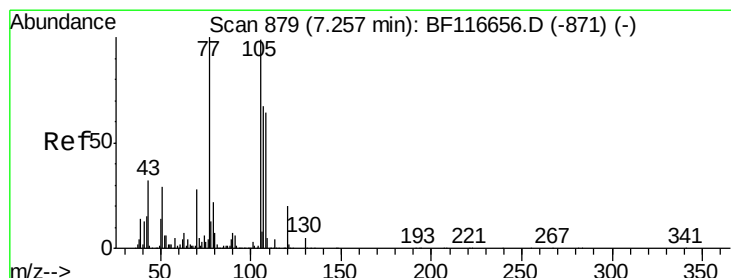
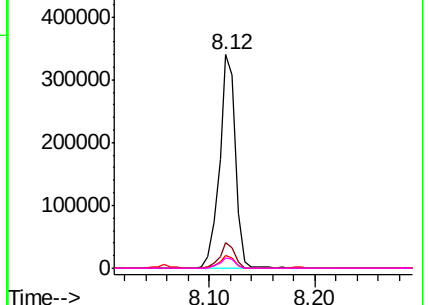


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.248 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Tgt Ion:105 Resp: 359170

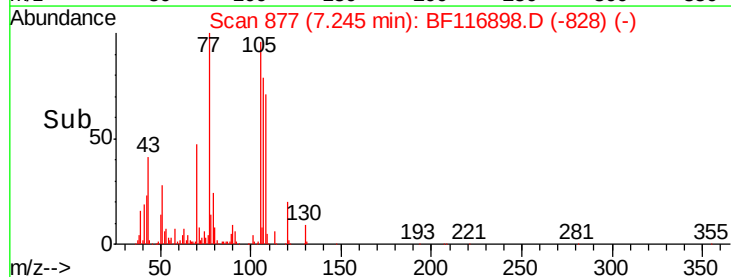
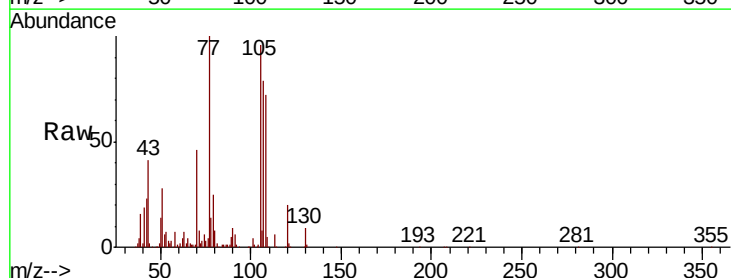
Ion Ratio Lower Upper

105 100

71 8.1 4.2 6.4#

51 29.8 25.8 38.8

120 20.9 16.4 24.6

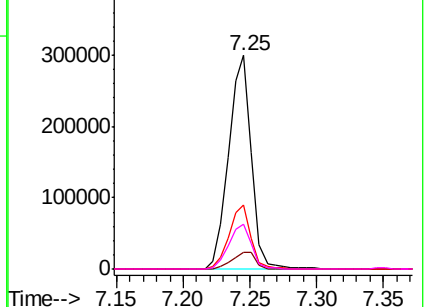


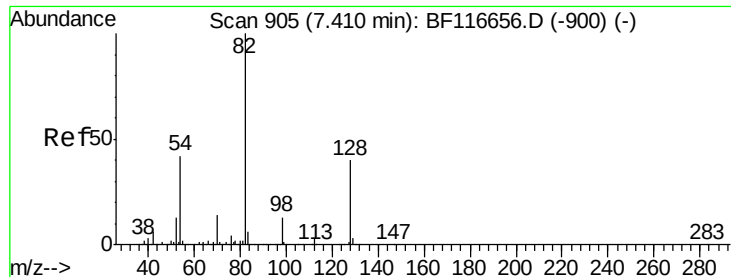
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

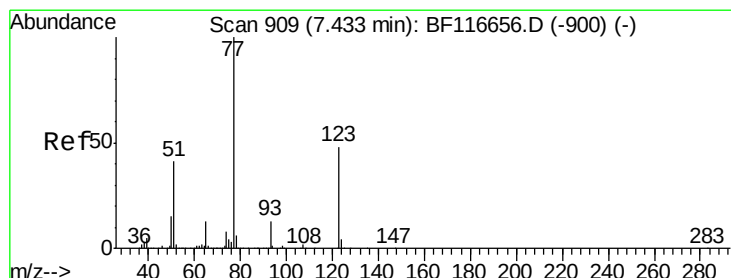
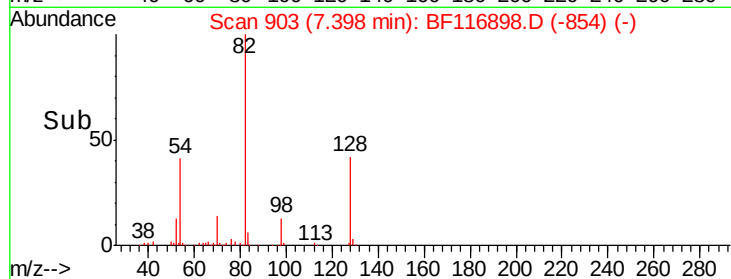
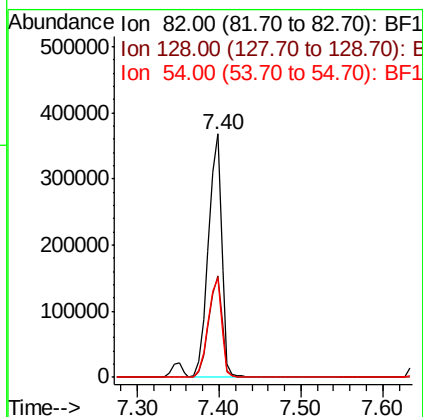
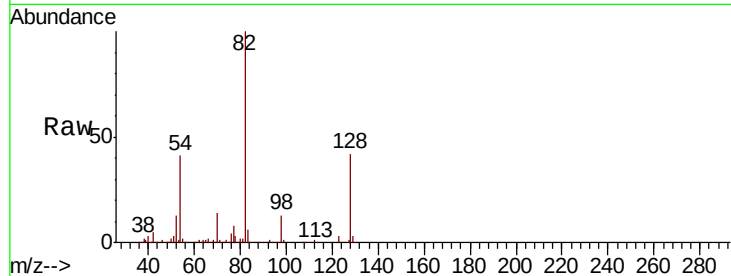




#23
 Nitrobenzene-d5
 Concen: 66.058 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

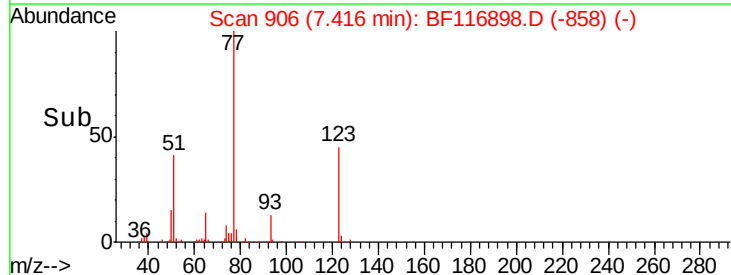
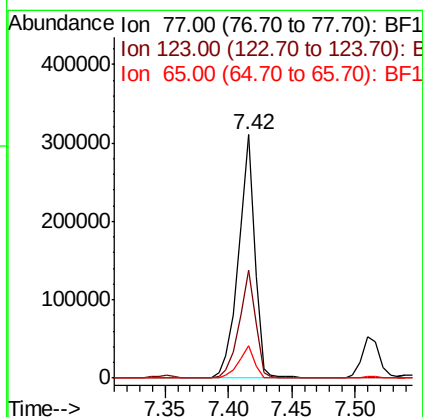
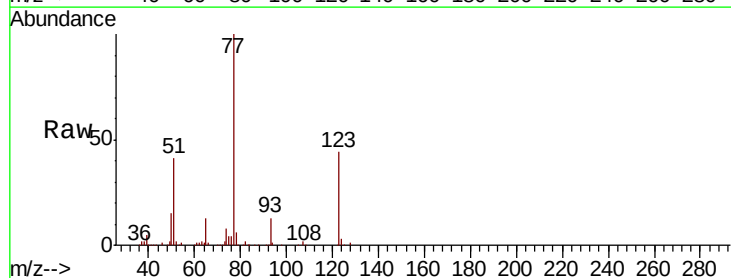
Instrument :
 BNA_F
 ClientSampleId :

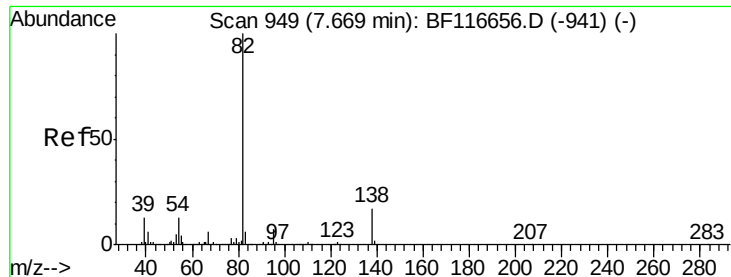
Tot Ion	82	Resp	418516
Ion Ratio	100	Lower	Upper
128	41.8	32.8	49.2
54	40.7	36.9	55.3



#24
 Nitrobenzene
 Concen: 42.216 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion	77	Resp	272024
Ion Ratio	100	Lower	Upper
123	44.4	33.1	49.7
65	13.4	10.6	15.8





#25

Isophorone

Concen: 38.570 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

ClientSampleId :

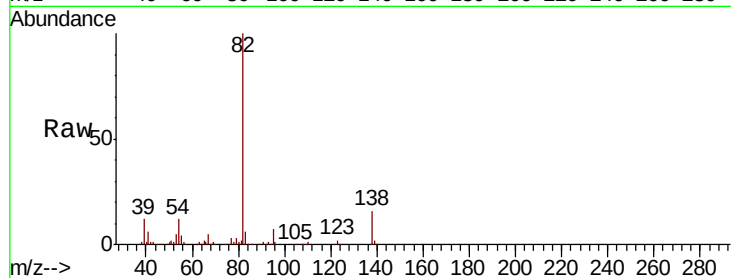
Tot Ion: 82 Resp: 495162

Ion Ratio Lower Upper

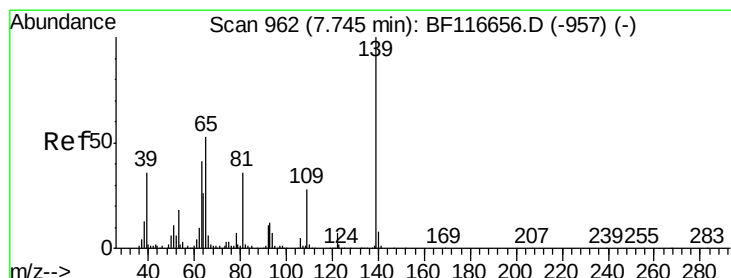
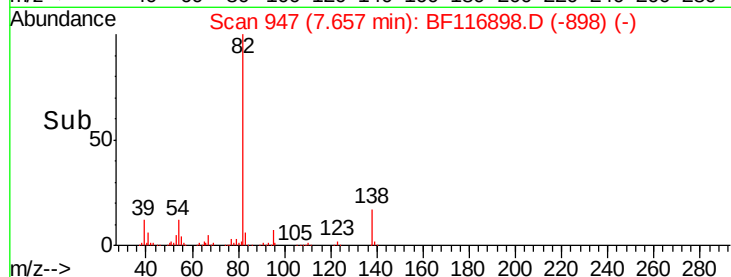
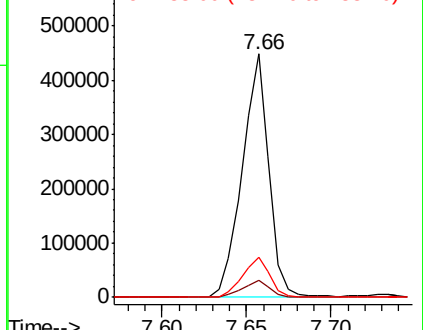
82 100

95 7.1 5.8 8.6

138 16.5 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 52.513 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

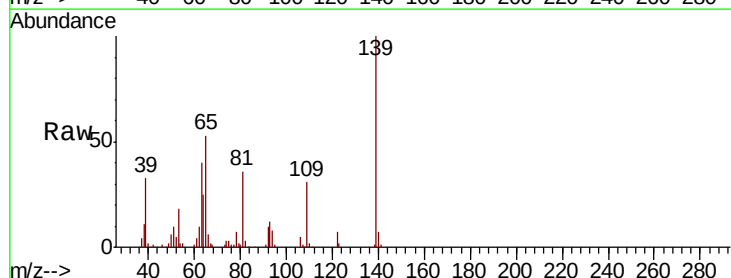
Tgt Ion: 139 Resp: 125799

Ion Ratio Lower Upper

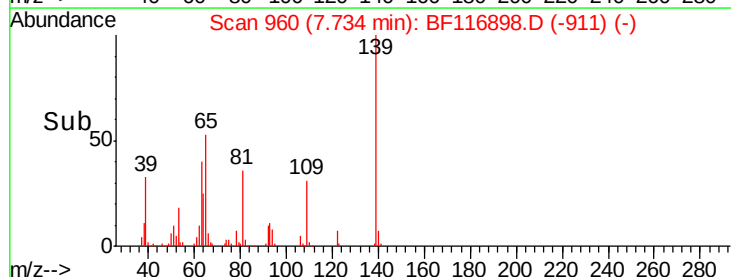
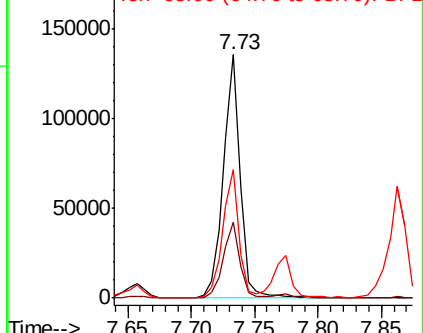
139 100

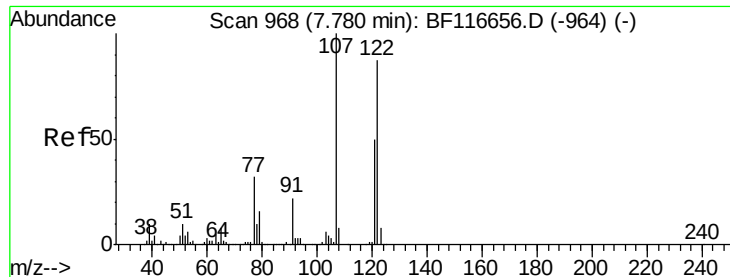
109 31.2 27.1 40.7

65 52.7 43.0 64.6



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

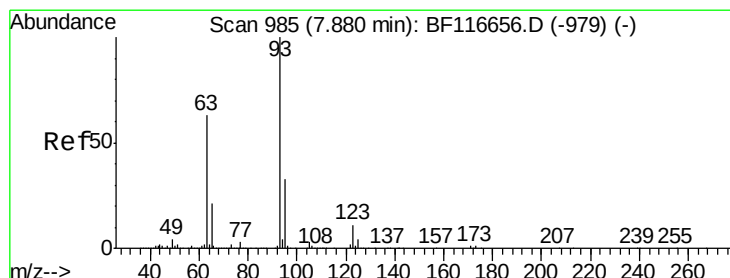
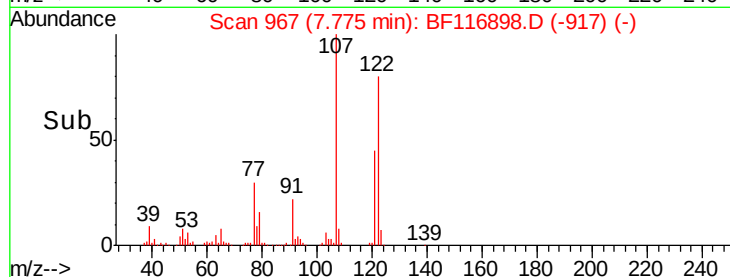
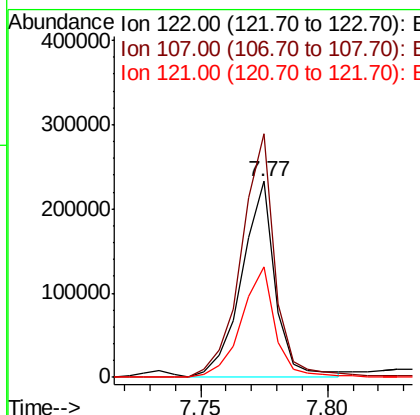
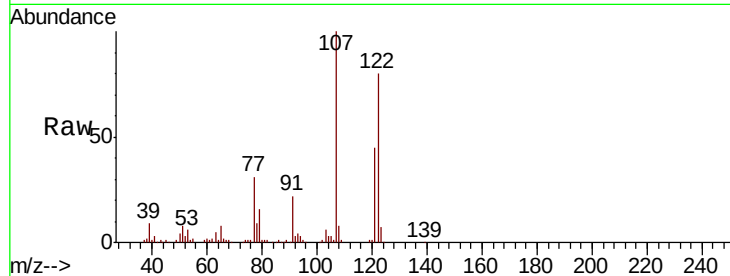




#27
 2,4-Dimethylphenol
 Concen: 44.554 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

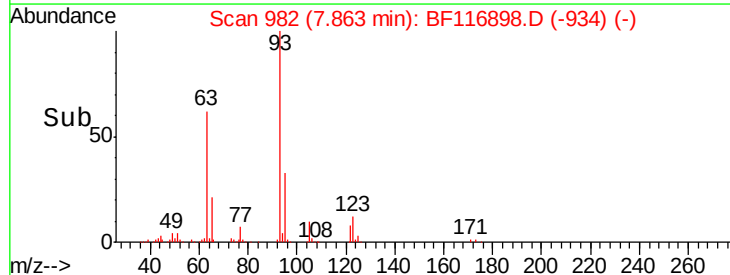
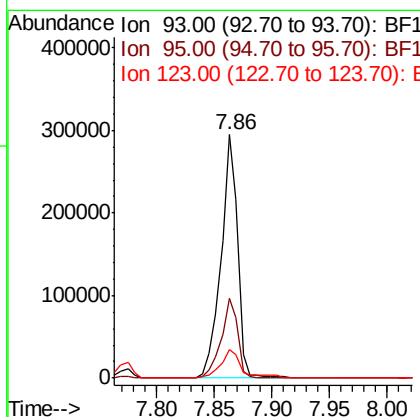
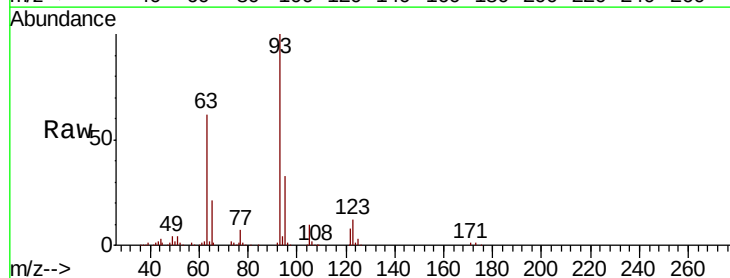
Instrument :
 BNA_F
 ClientSampleId :

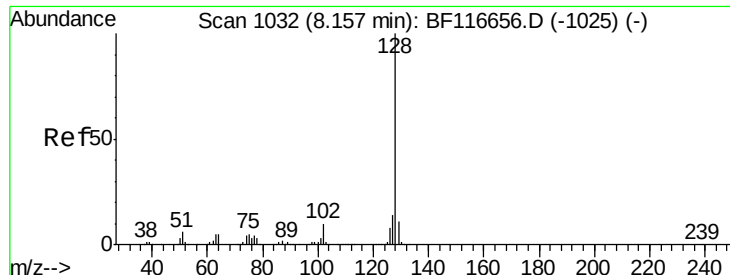
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.3	98.1	147.1
121	56.3	47.3	70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.604 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	11.9	9.8	14.8

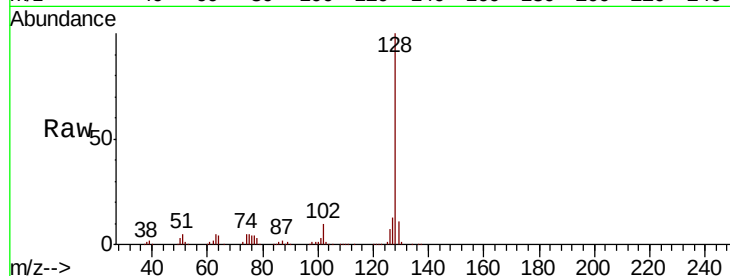




#31
Naphthalene
Concen: 40.699 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.4	10.4	15.6

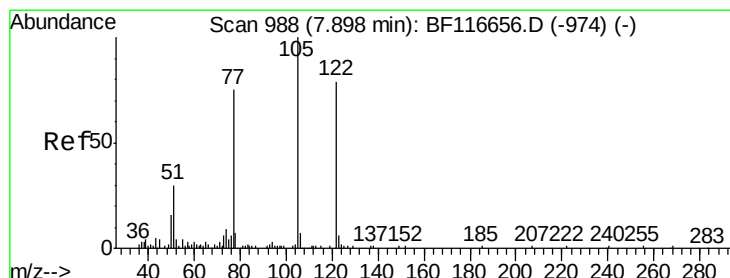
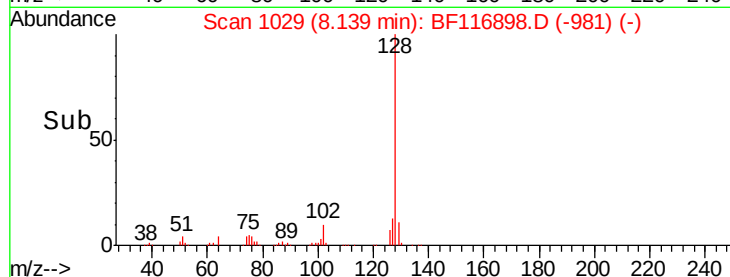
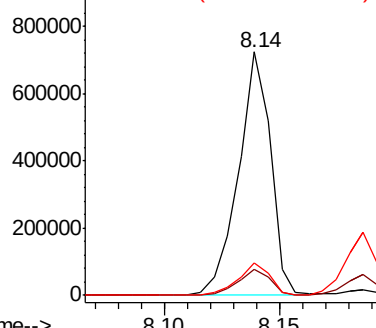


Abundance

Ion 128.00 (127.70 to 128.70): E

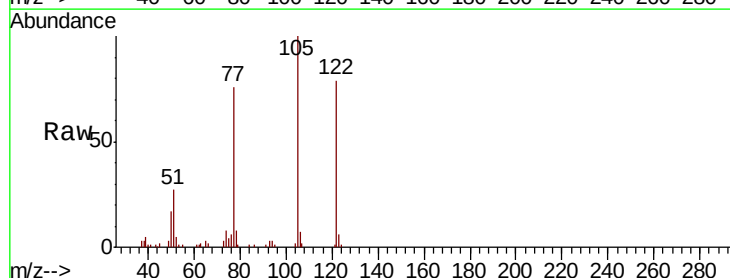
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 50.591 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.6	110.0	150.0
77	96.0	81.7	121.7

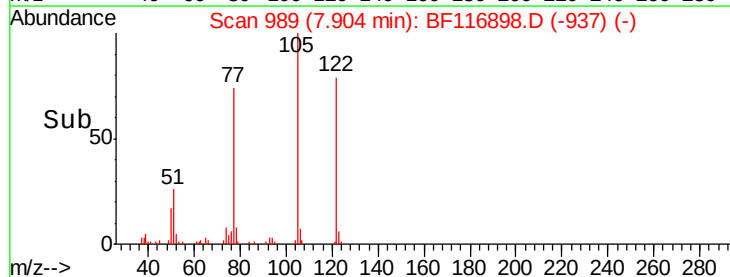
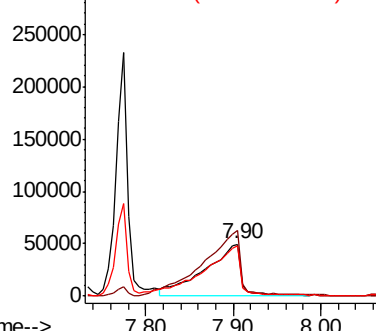


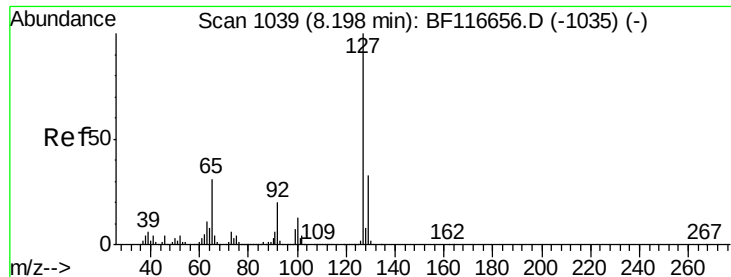
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

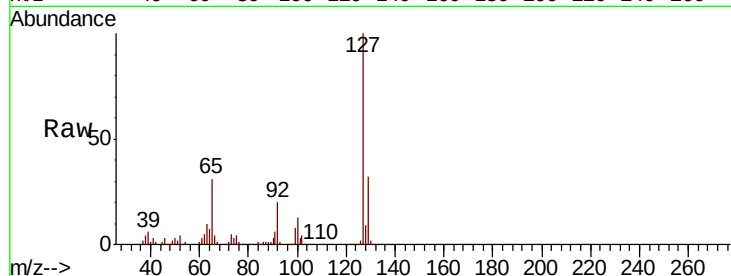




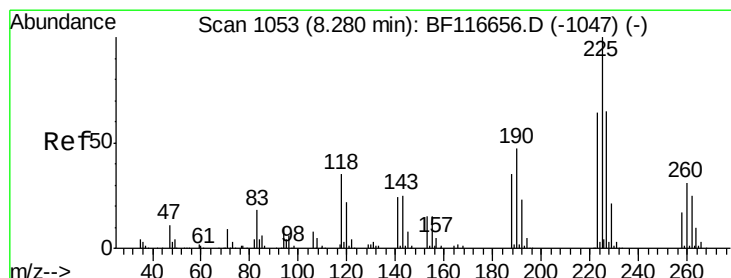
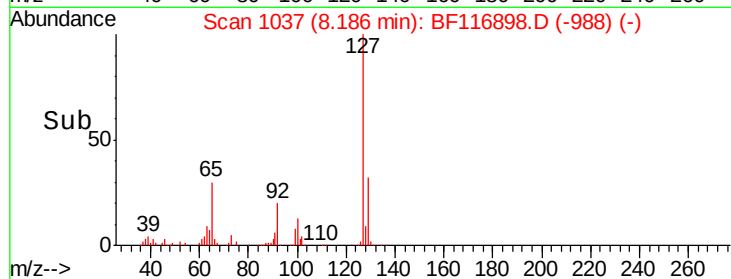
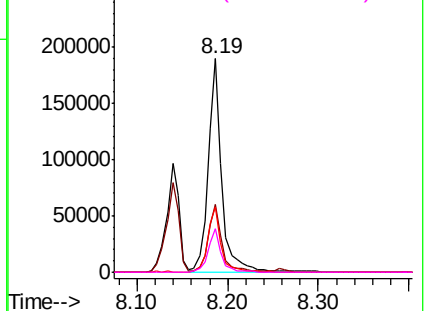
#33
4-Chloroaniline
Concen: 25.641 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	200733
Ion Ratio	Lower	Upper
127	100	
129	32.0	26.2 39.2
65	30.6	26.0 39.0
92	20.1	16.1 24.1

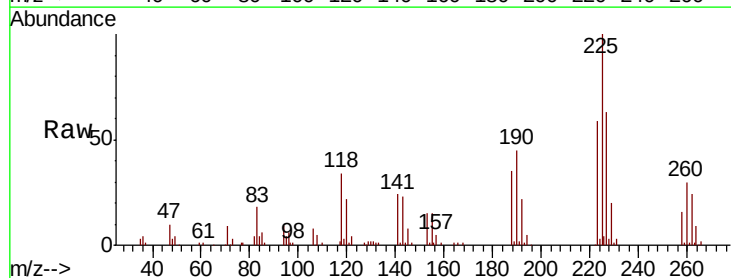


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

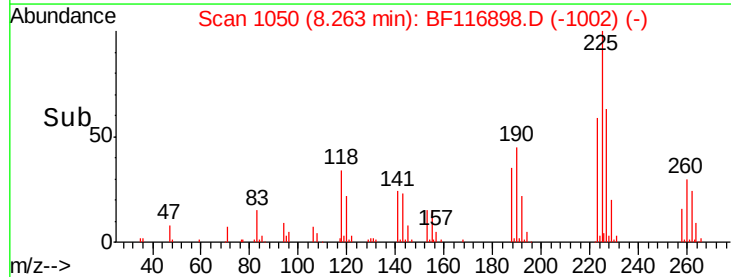
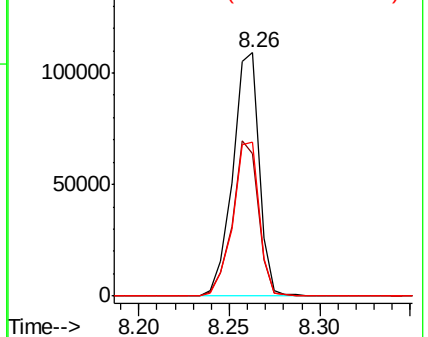


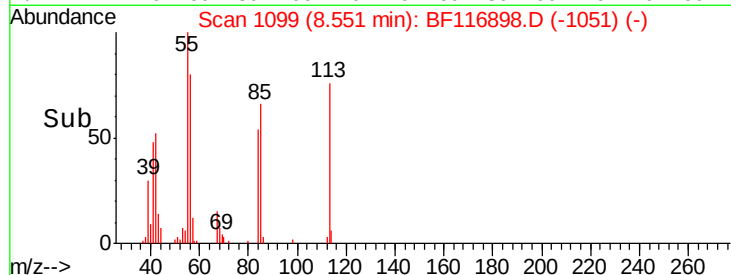
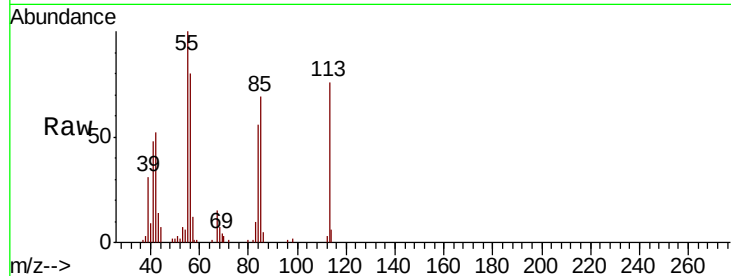
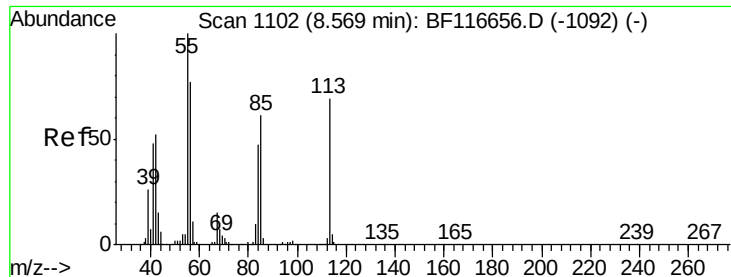
#34
Hexachlorobutadiene
Concen: 40.253 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.02 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion:225	Resp:	110685
Ion Ratio	Lower	Upper
225	100	
223	58.6	49.4 74.2
227	63.0	51.0 76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

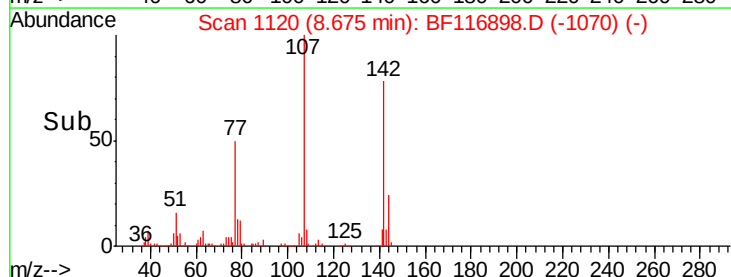
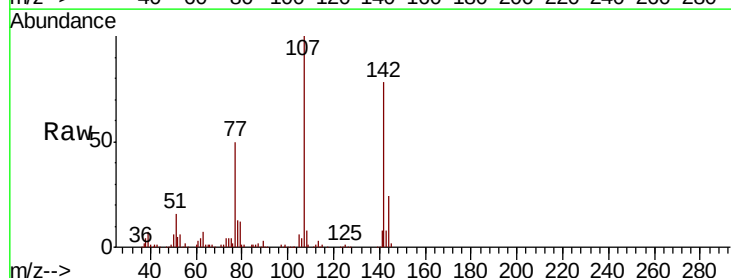
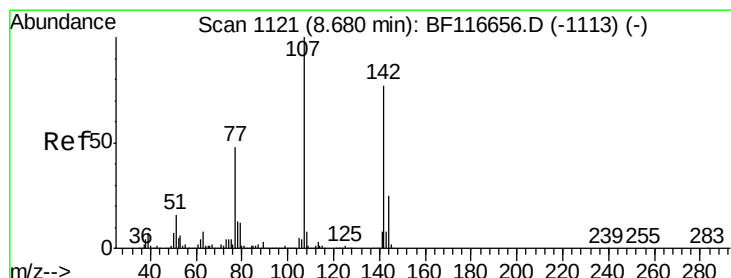
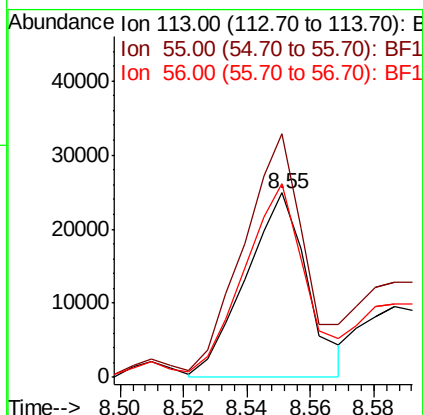




#35
Caprolactam
Concen: 19.212 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.02 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

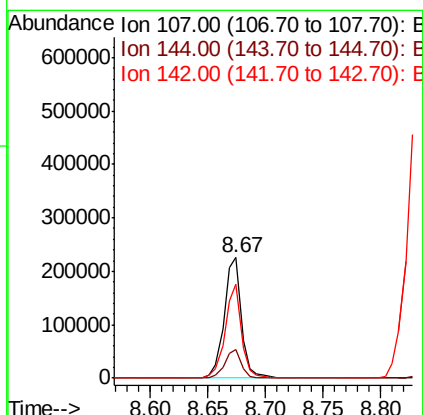
Instrument :
BNA_F
ClientSampleId :

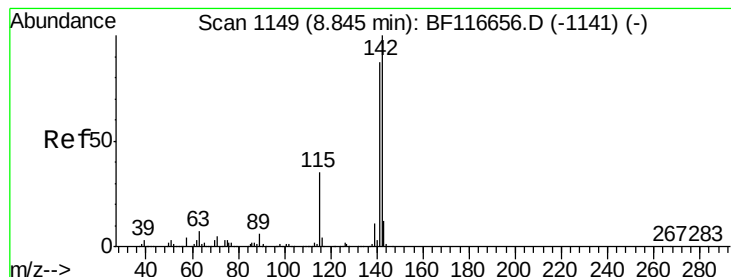
Tot Ion:113 Resp: 33430
Ion Ratio Lower Upper
113 100
55 131.9 124.3 164.3
56 105.2 94.6 134.6



#36
4-Chloro-3-methylphenol
Concen: 44.345 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion:107 Resp: 236975
Ion Ratio Lower Upper
107 100
144 24.1 18.6 27.8
142 78.1 58.5 87.7





#37

2-Methylnaphthalene

Concen: 41.964 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

ClientSampleId :

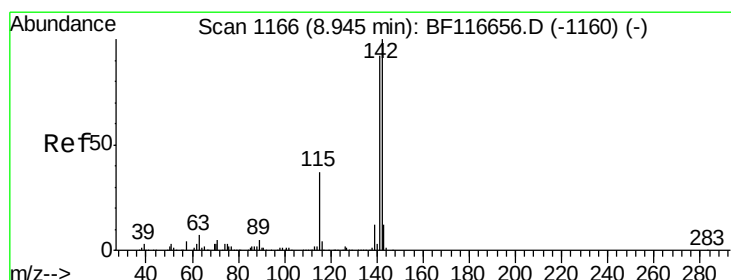
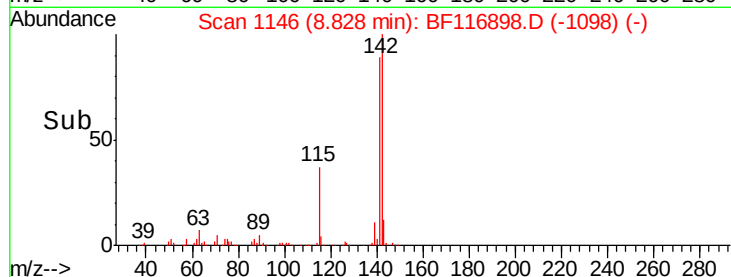
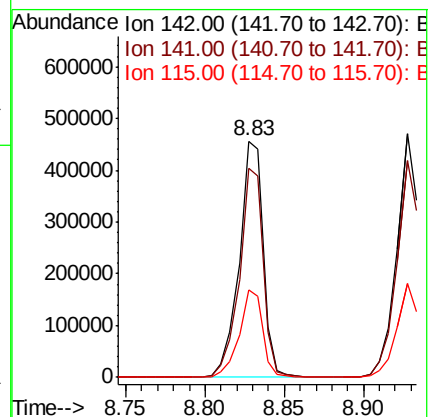
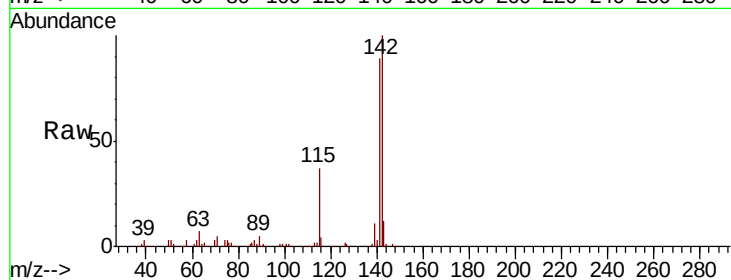
Tot Ion:142 Resp: 480194

Ion Ratio Lower Upper

142 100

141 88.7 72.6 109.0

115 37.2 29.8 44.6



#38

1-Methylnaphthalene

Concen: 41.135 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.02 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

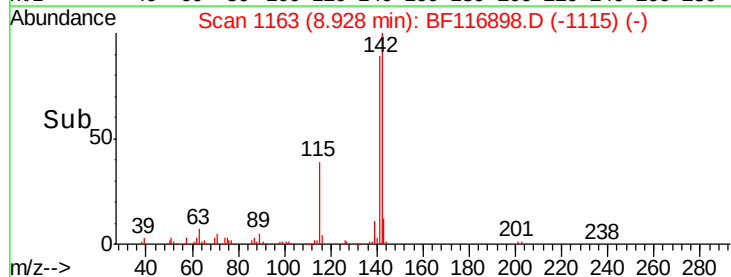
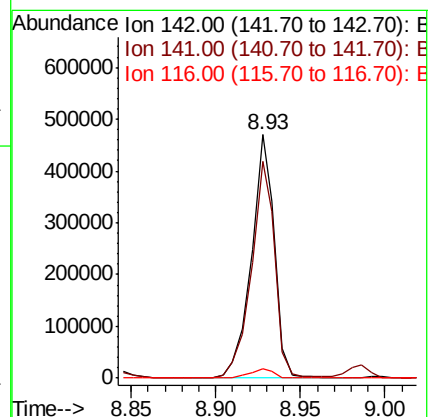
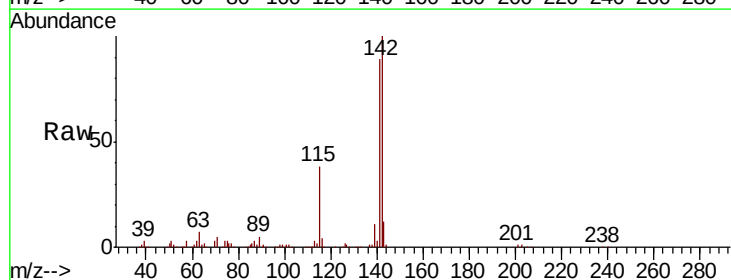
Tgt Ion:142 Resp: 444348

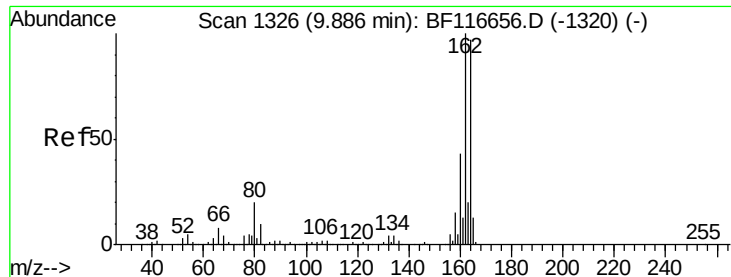
Ion Ratio Lower Upper

142 100

141 89.2 73.9 110.9

116 3.8 3.0 4.6

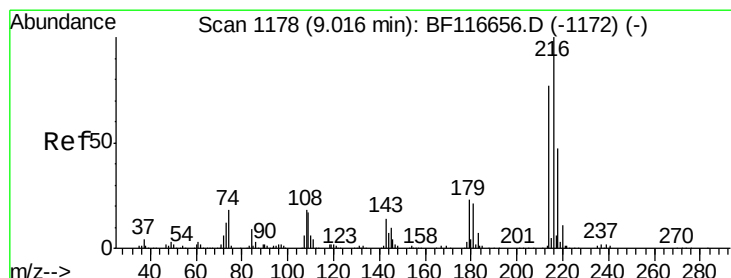
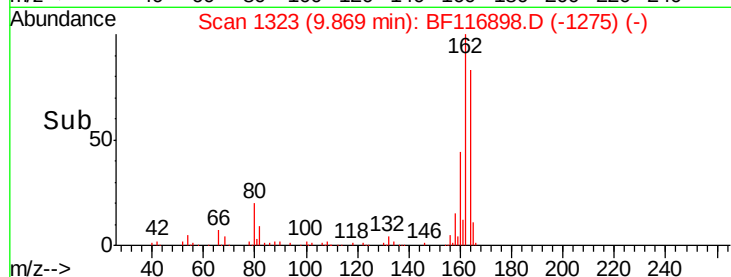
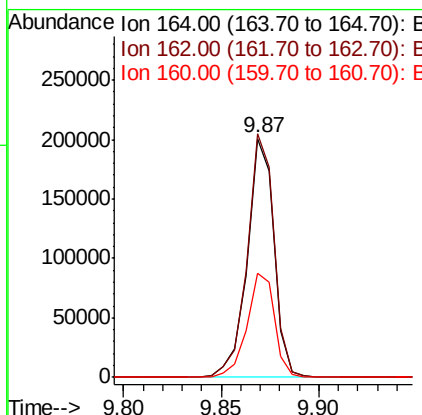
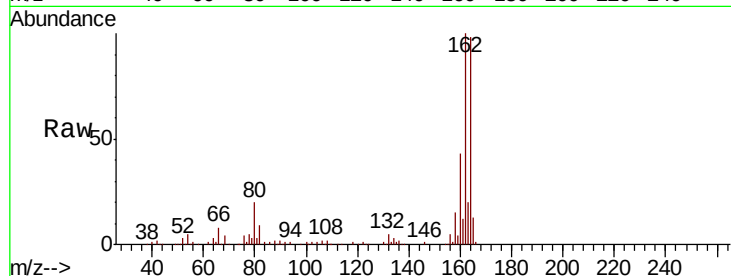




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

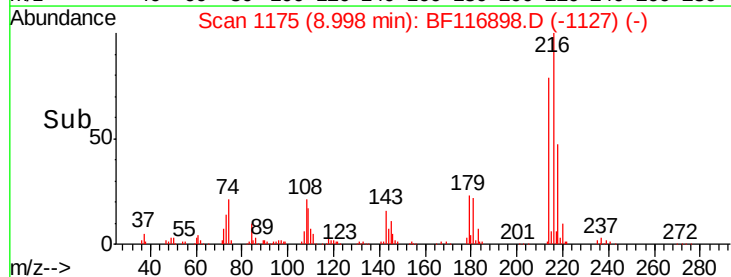
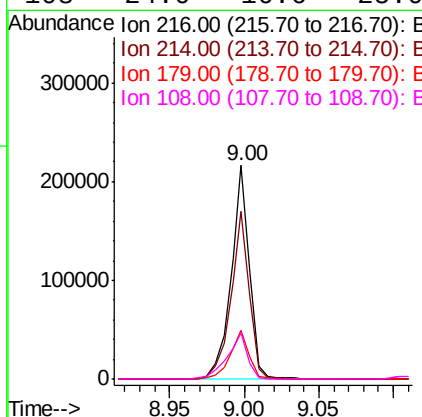
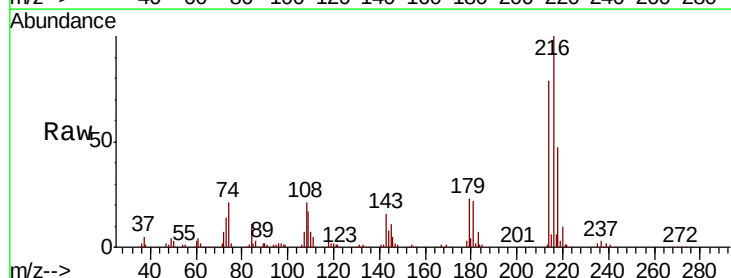
Instrument :
 BNA_F
 ClientSampled :

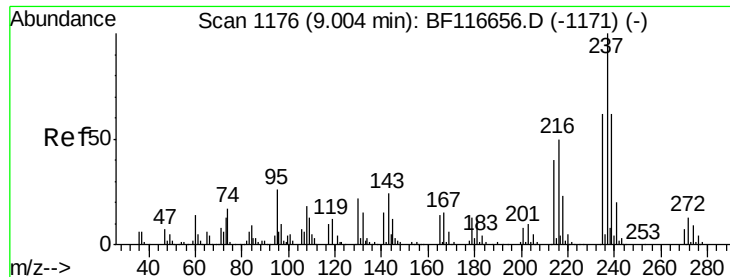
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.4	122.0
160	43.8	35.4	53.2



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.794 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.7	94.1
179	23.2	19.3	28.9
108	24.0	16.6	25.0

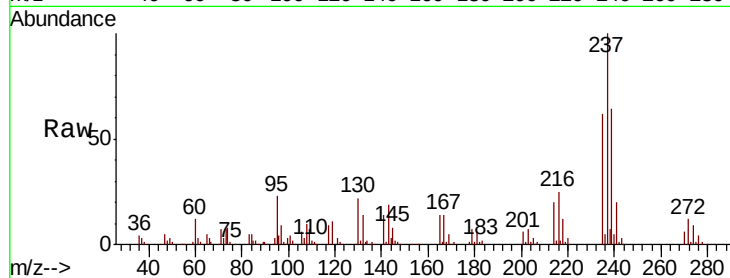




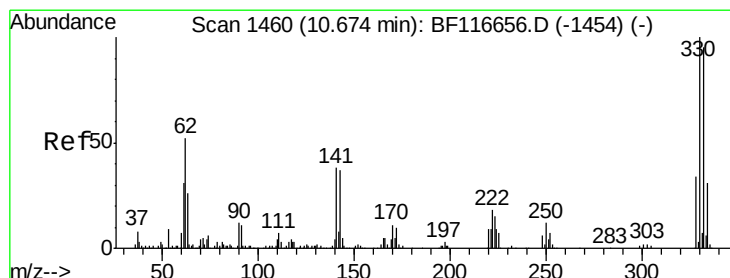
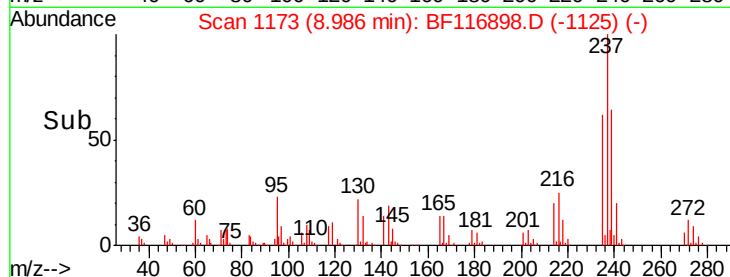
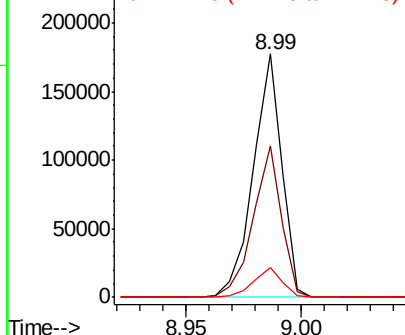
#41
Hexachlorocyclopentadiene
Concen: 58.378 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	237	Resp:	153998
Ion	Ratio	Lower	Upper
237	100		
235	62.1	41.4	81.4
272	12.2	0.0	32.8

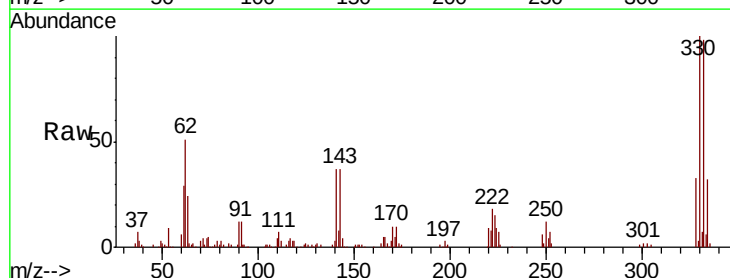


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

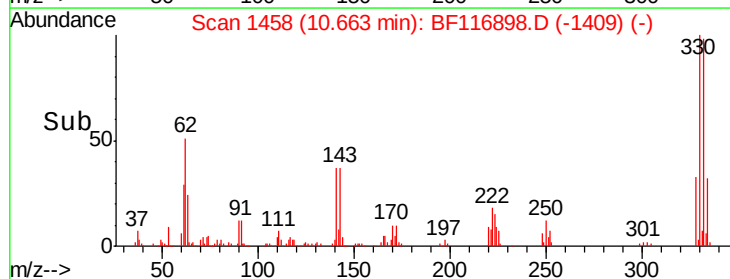
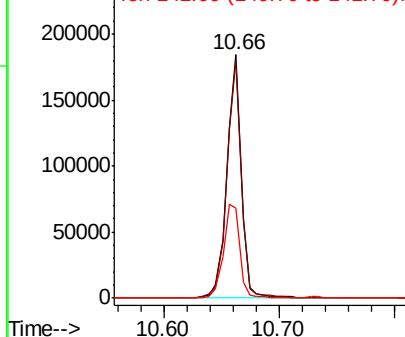


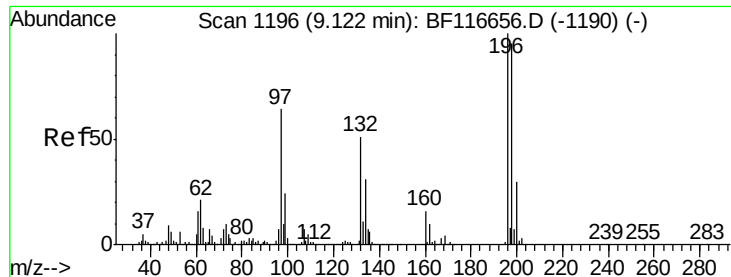
#42
2,4,6-Tribromophenol
Concen: 125.216 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion:	330	Resp:	159518
Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.9	115.3
141	43.9	31.4	47.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

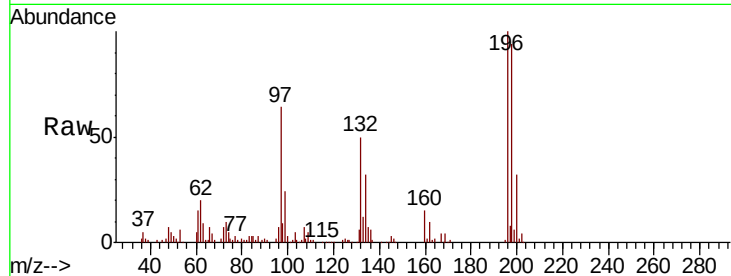




#43
 2,4,6-Trichlorophenol
 Concen: 42.244 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	132283
Ion Ratio	Lower	Upper	
196	100		
198	94.3	79.1	118.7
200	31.7	24.0	36.0

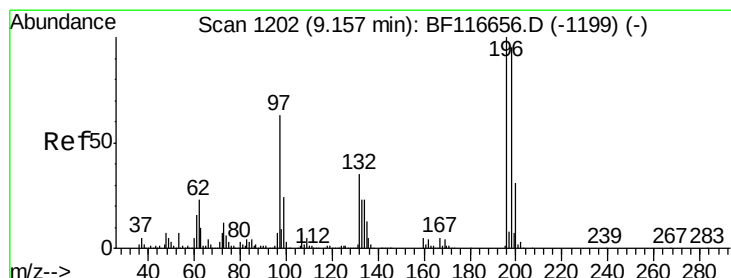
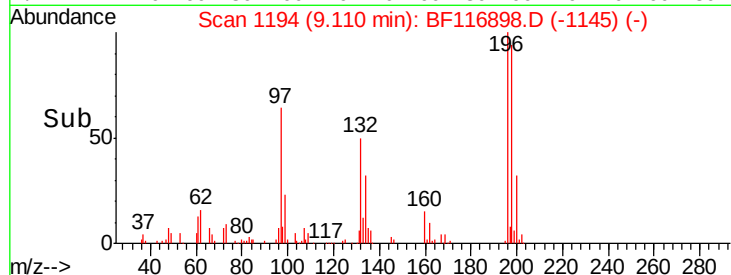
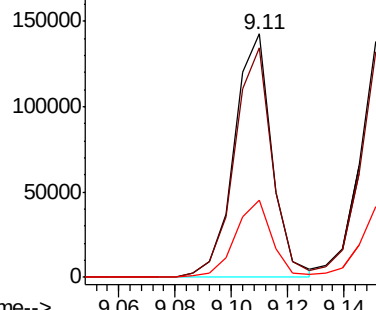


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.856 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion	196	Resp	145827
Ion Ratio	Lower	Upper	
196	100		
198	95.6	78.1	117.1
97	65.1	41.6	62.4
132	34.3	23.5	35.3

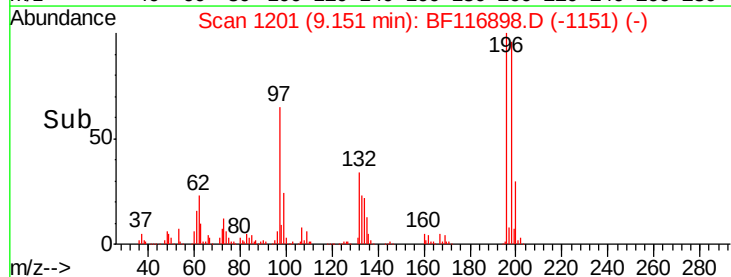
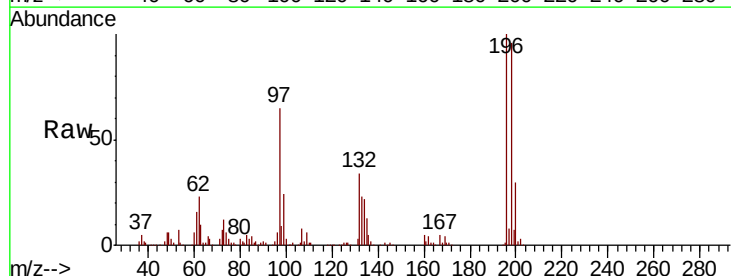
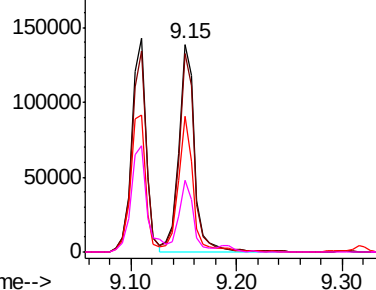
Abundance

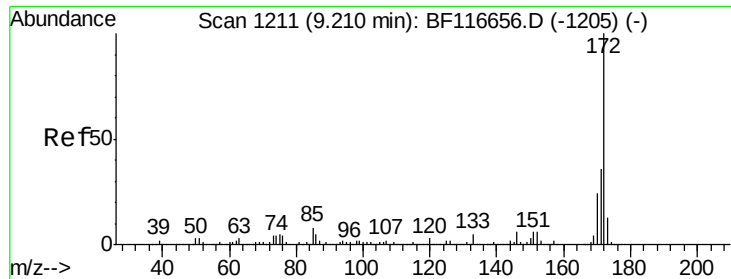
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

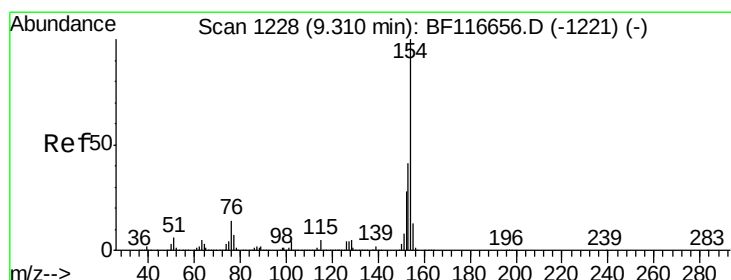
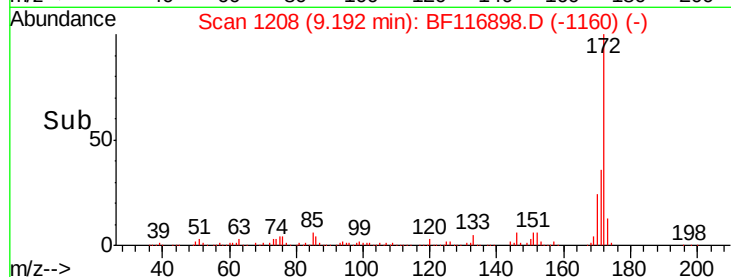
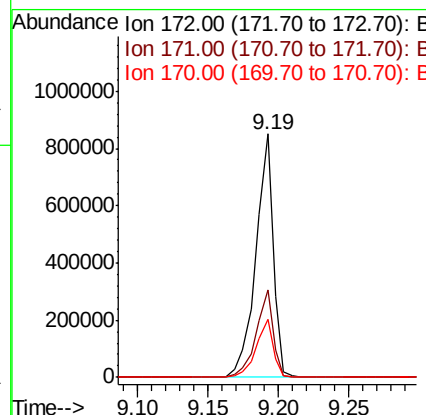
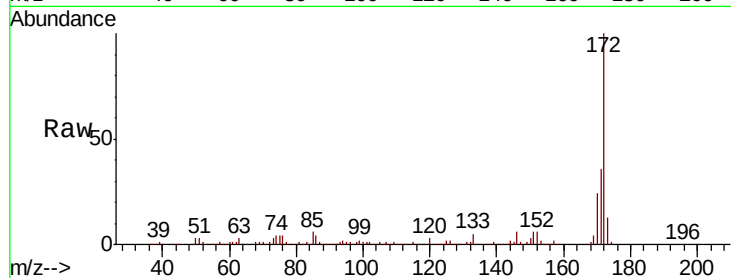




#45
 2-Fluorobiphenyl
 Concen: 65.548 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

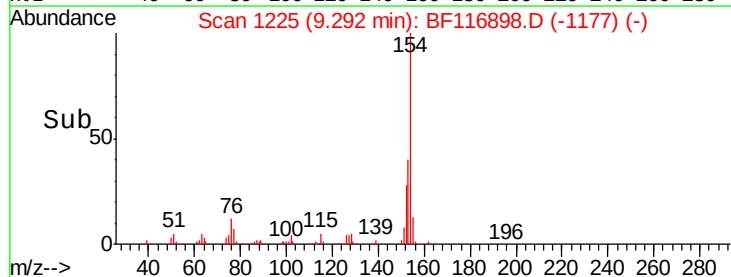
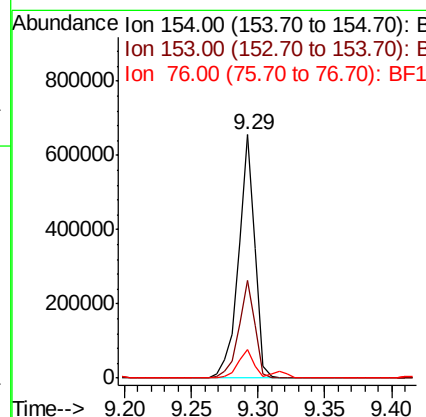
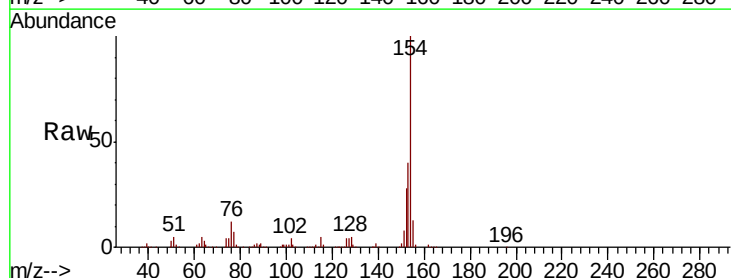
Instrument :
 BNA_F
 ClientSampled :

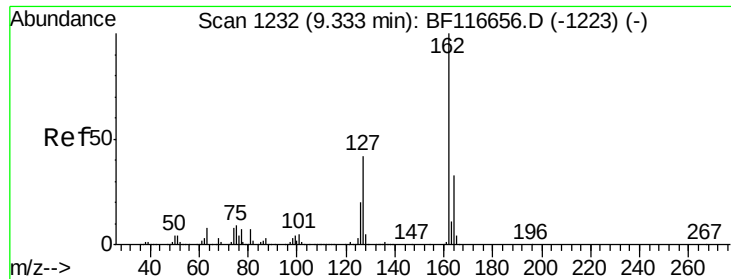
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.6
170	23.7	18.9	28.3



#46
 1,1'-Biphenyl
 Concen: 38.932 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.02 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.2	61.2
76	12.0	0.0	30.9

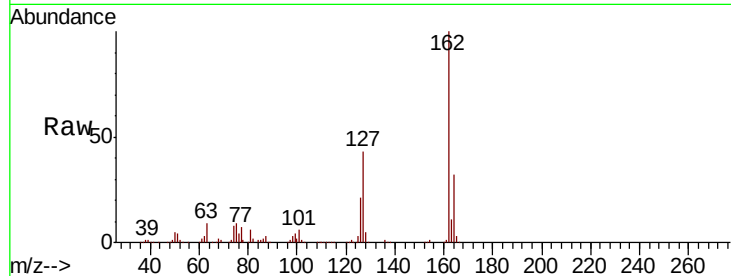




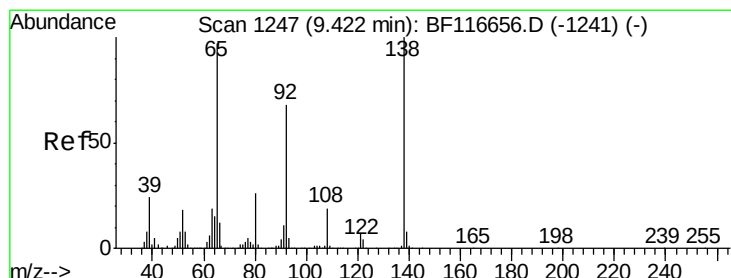
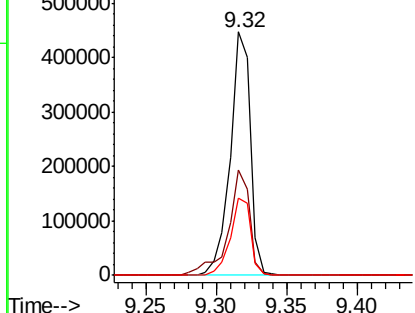
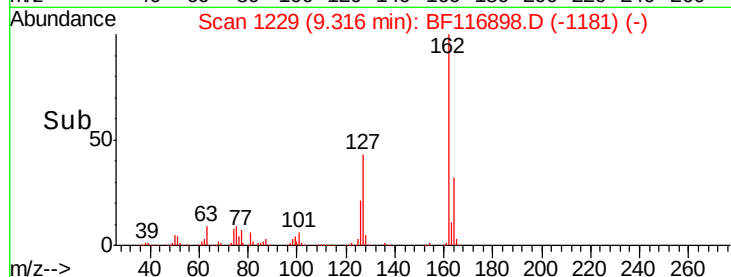
#47
 2-Chloronaphthalene
 Concen: 38.746 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.1	33.4	50.2
164	31.7	26.6	39.8

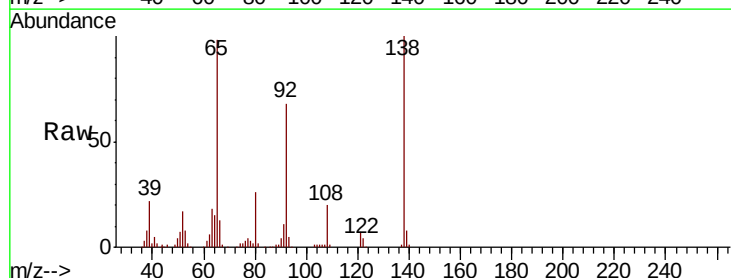


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

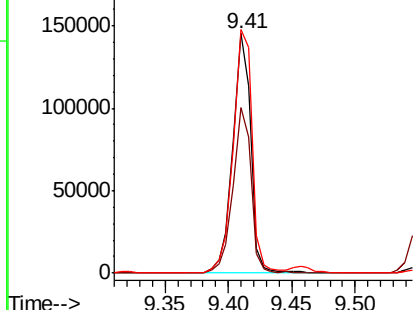
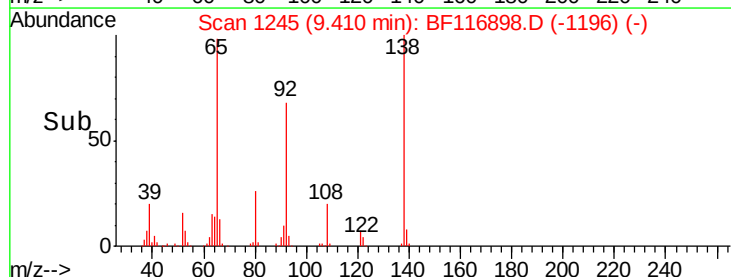


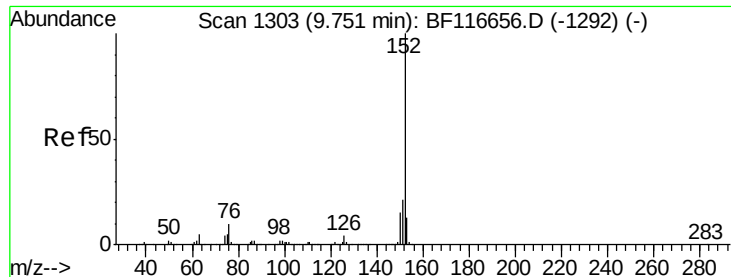
#48
 2-Nitroaniline
 Concen: 42.649 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	57.1	85.7
138	101.6	88.2	132.2



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.668 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

ClientSampled :

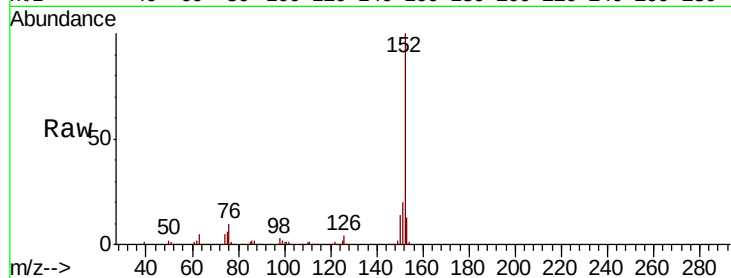
Tot Ion:152 Resp: 686756

Ion Ratio Lower Upper

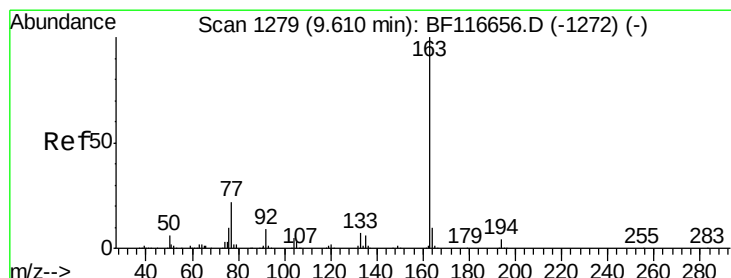
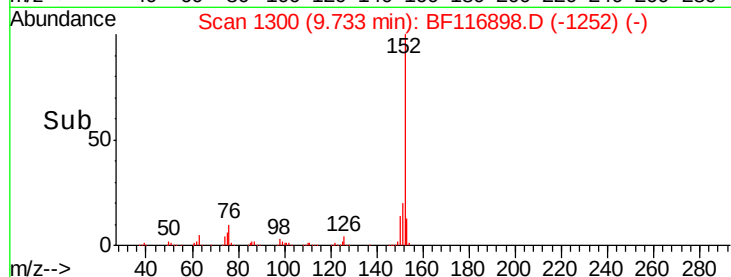
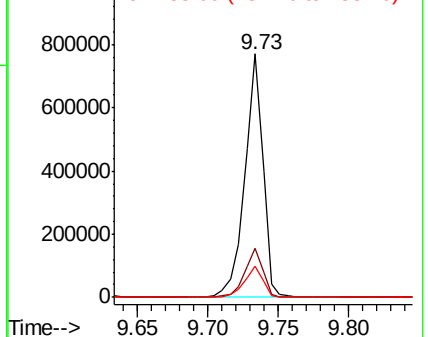
152 100

151 20.3 15.9 23.9

153 13.0 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.620 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

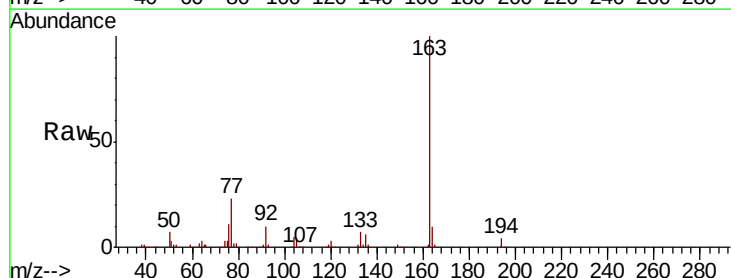
Tgt Ion:163 Resp: 508099

Ion Ratio Lower Upper

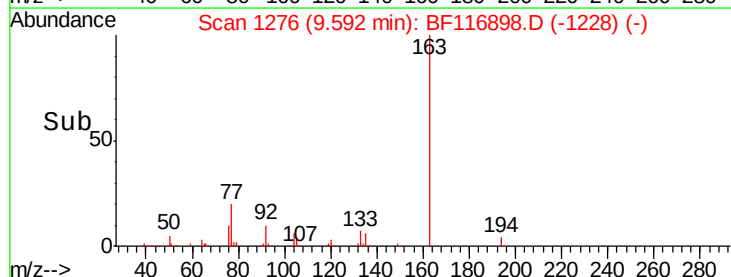
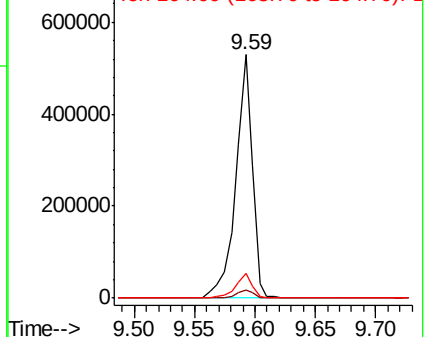
163 100

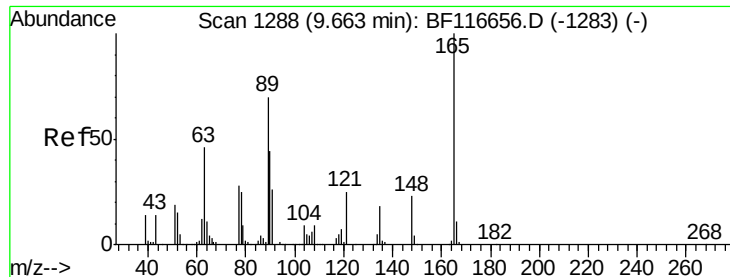
194 3.5 2.8 4.2

164 10.1 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

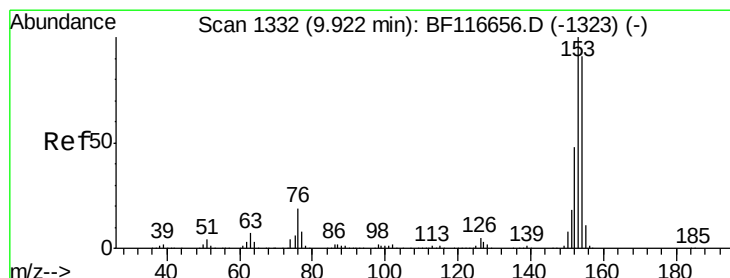
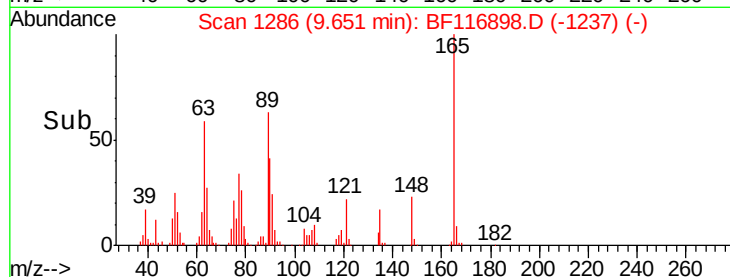
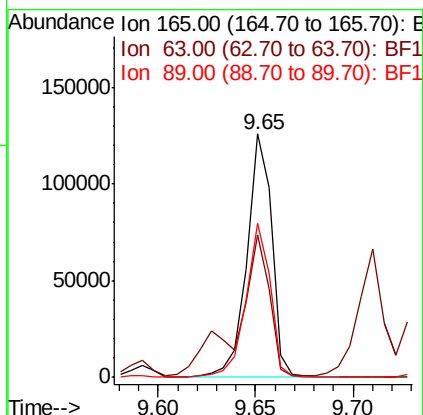
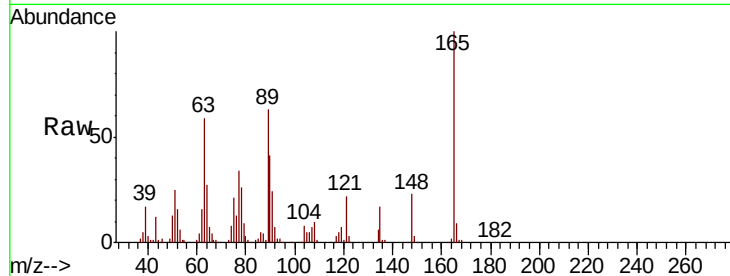




#51
 2,6-Dinitrotoluene
 Concen: 44.415 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

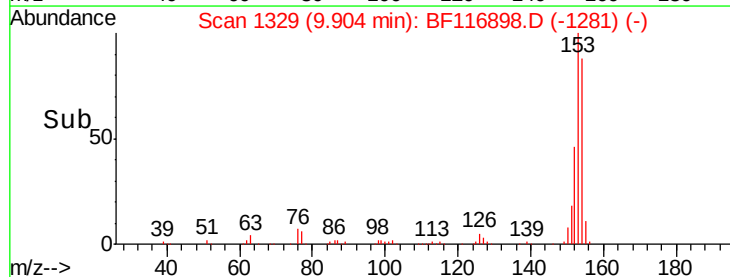
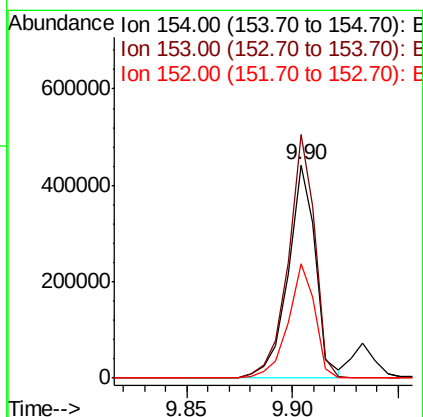
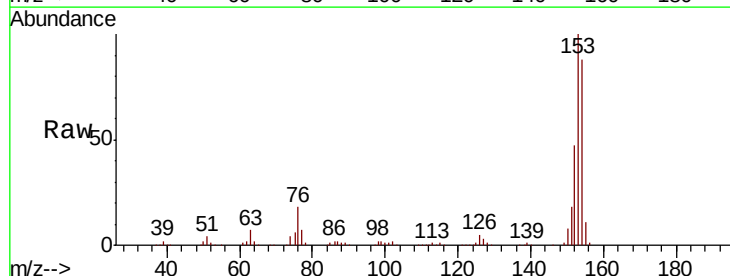
Instrument :
 BNA_F
 ClientSampleId :

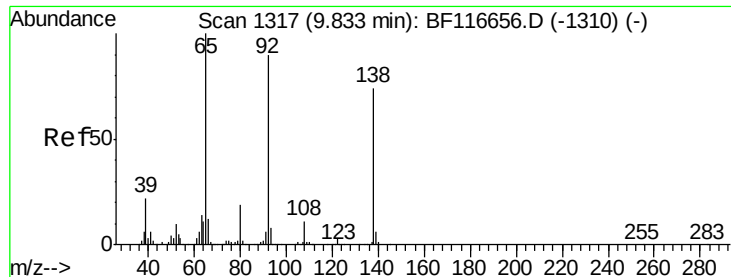
Tot Ion:165 Resp: 111488
 Ion Ratio Lower Upper
 165 100
 63 58.5 47.3 70.9
 89 63.1 52.5 78.7



#52
 Acenaphthene
 Concen: 37.844 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion:154 Resp: 402558
 Ion Ratio Lower Upper
 154 100
 153 114.2 89.5 134.3
 152 53.7 41.9 62.9

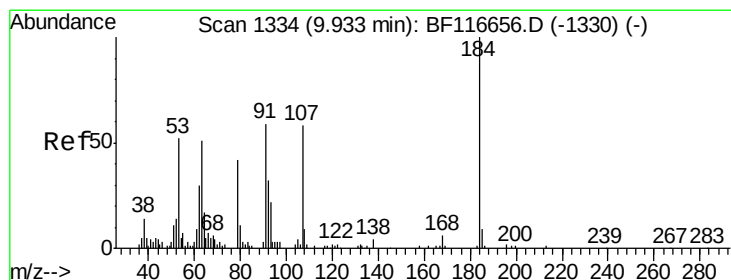
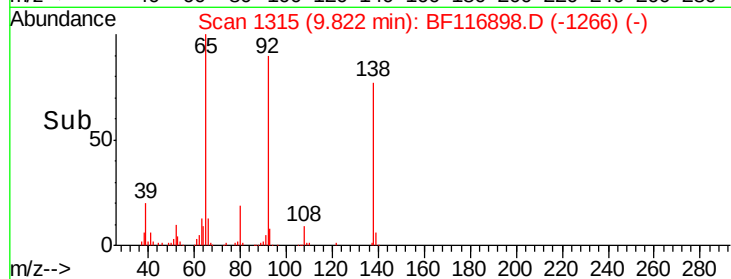
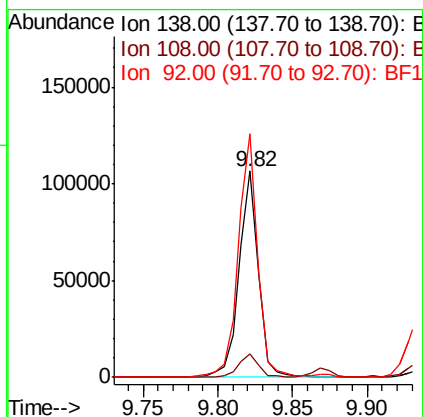
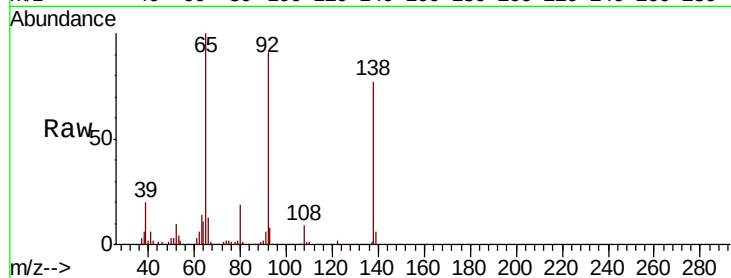




#53
3-Nitroaniline
Concen: 30.640 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

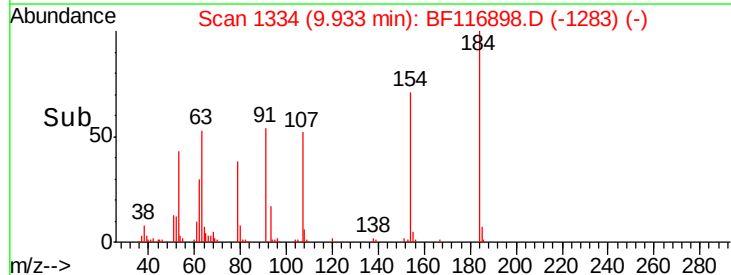
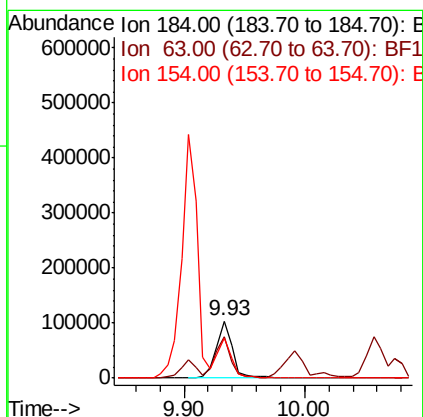
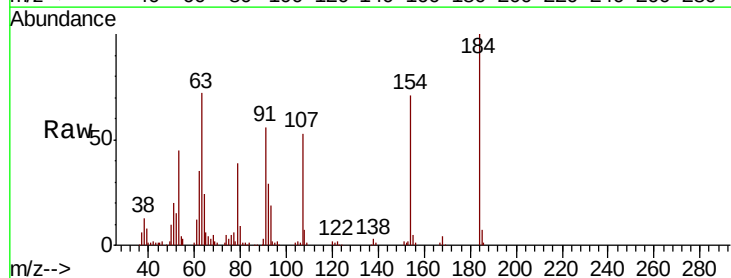
Instrument :
BNA_F
ClientSampleId :

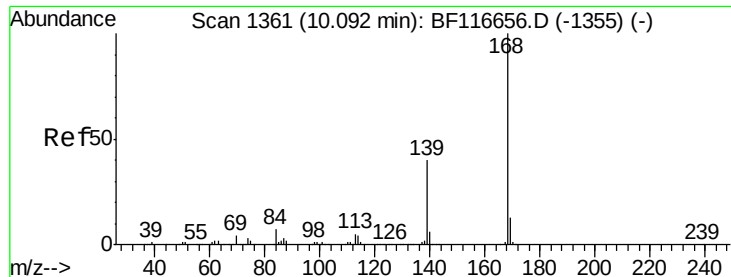
Tot Ion:138 Resp: 96383
Ion Ratio Lower Upper
138 100
108 11.5 8.5 12.7
92 118.0 87.2 130.8



#54
2,4-Dinitrophenol
Concen: 104.312 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion:184 Resp: 95666
Ion Ratio Lower Upper
184 100
63 71.9 52.2 78.2
154 70.8 60.8 91.2

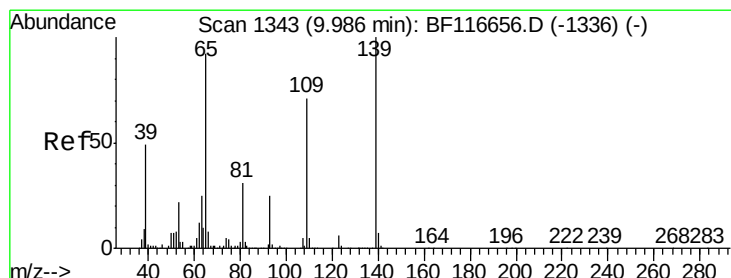
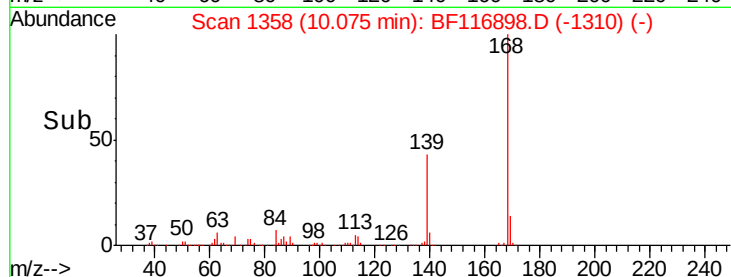
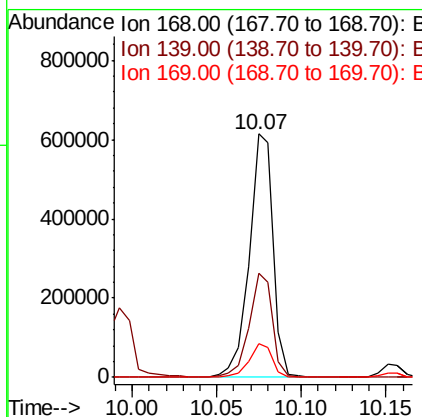
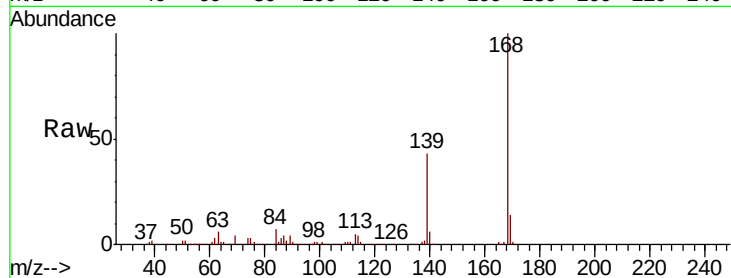




#55
Dibenzofuran
Concen: 40.402 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

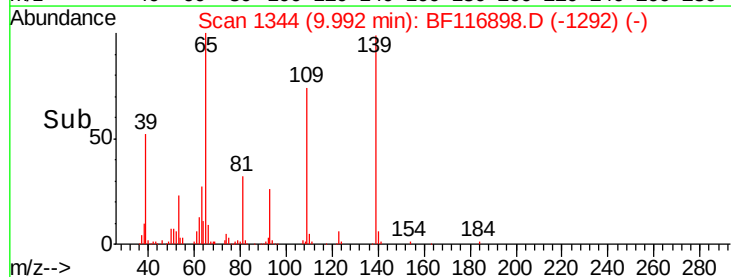
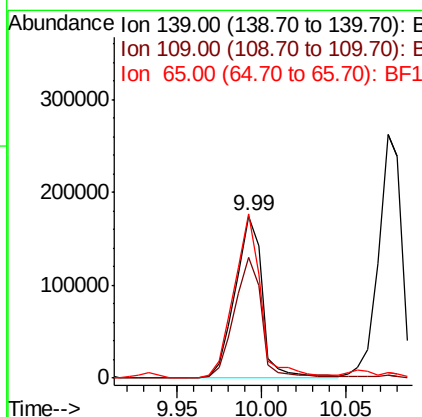
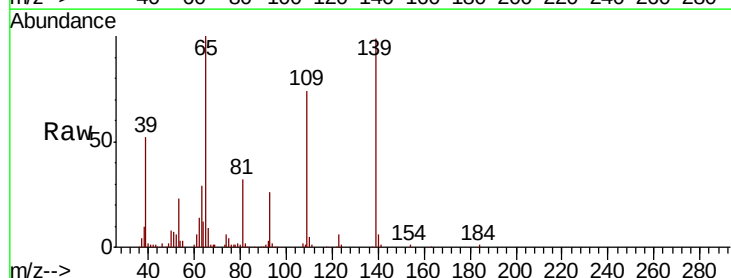
Instrument :
BNA_F
ClientSampleId :

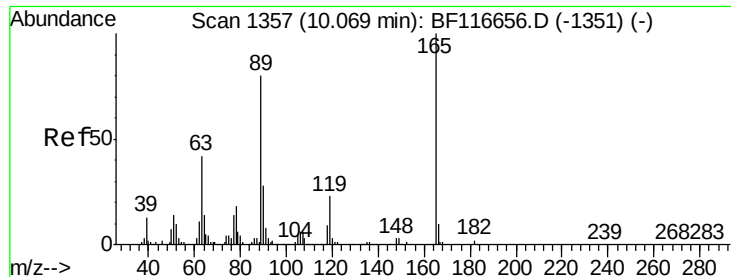
Tot Ion	Ratio	Lower	Upper
168	100		
139	42.6	31.5	47.3
169	14.0	10.3	15.5



#56
4-Nitrophenol
Concen: 90.652 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.5	61.7	101.7
65	101.3	89.1	129.1

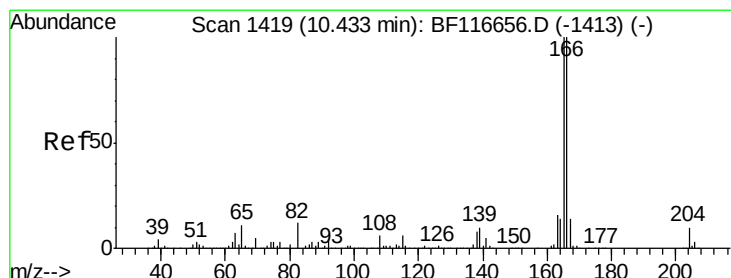
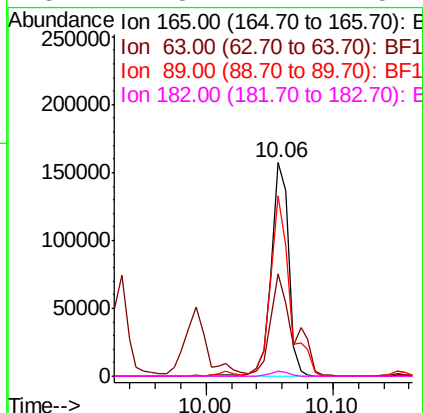
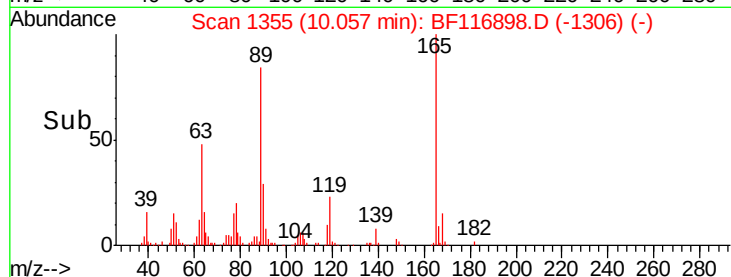
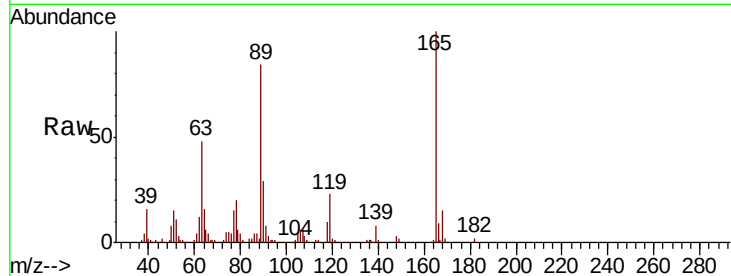




#57
 2,4-Dinitrotoluene
 Concen: 48.515 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

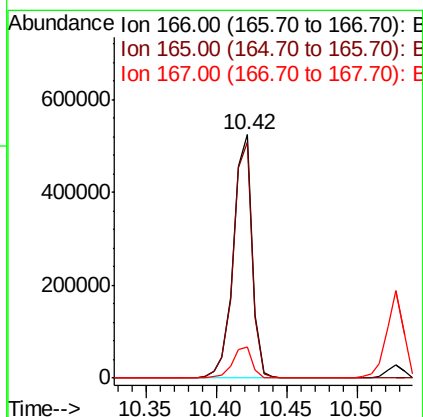
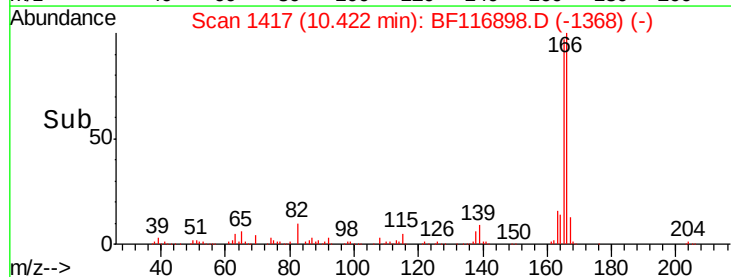
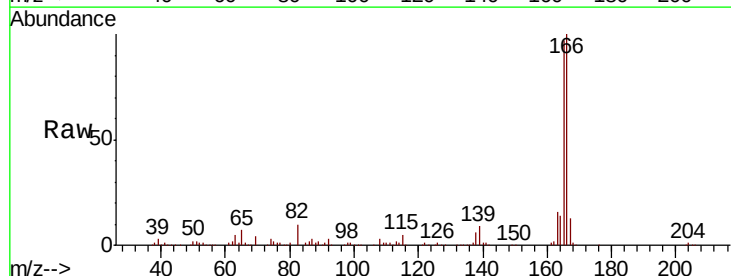
Instrument :
 BNA_F
 ClientSampled :

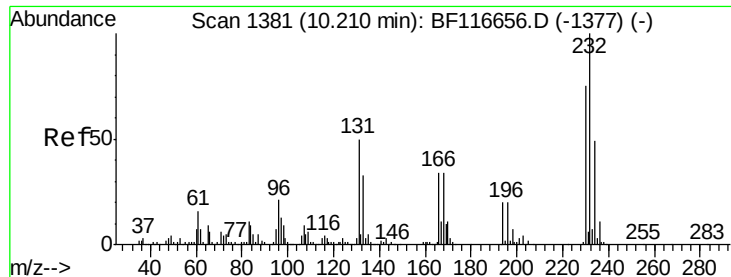
Tot Ion:	165	Resp:	148907
Ion	Ratio	Lower	Upper
165	100		
63	47.9	36.4	54.6
89	84.4	62.6	94.0
182	2.3	2.1	3.1



#58
 Fluorene
 Concen: 42.417 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion:	166	Resp:	484660
Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.8	118.2
167	12.8	10.0	15.0

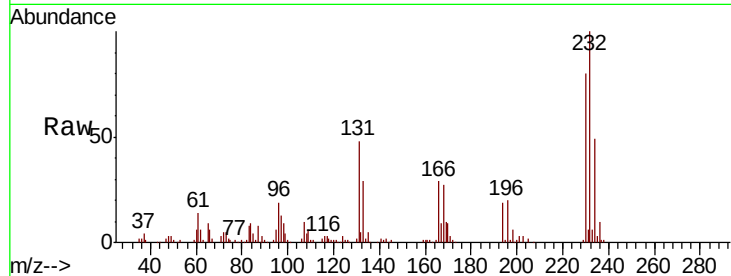




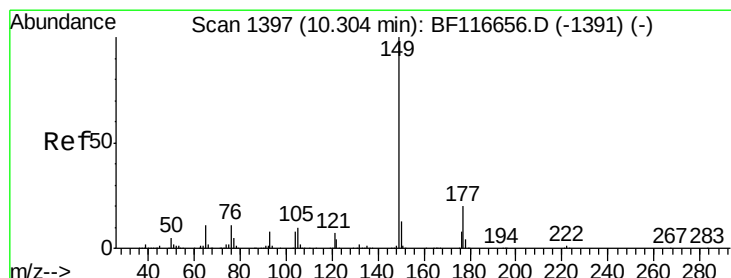
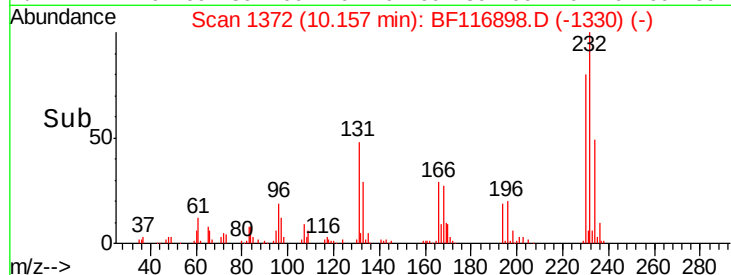
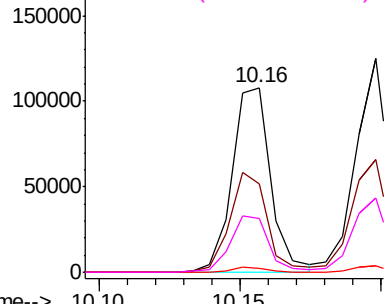
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.731 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.05 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	232	Resp:	102604
Ion	Ratio	Lower	Upper
232	100		
131	52.3	42.7	64.1
130	2.6	1.9	2.9
166	30.7	27.4	41.2

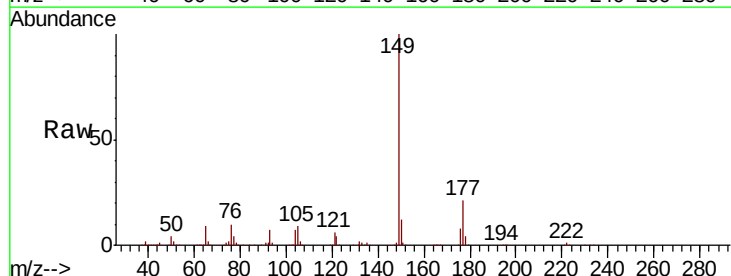


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

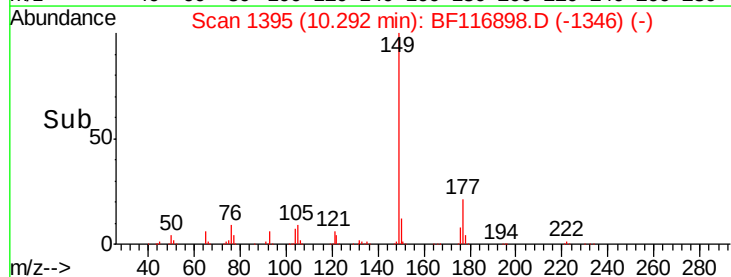
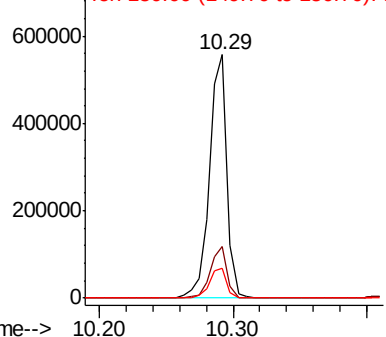


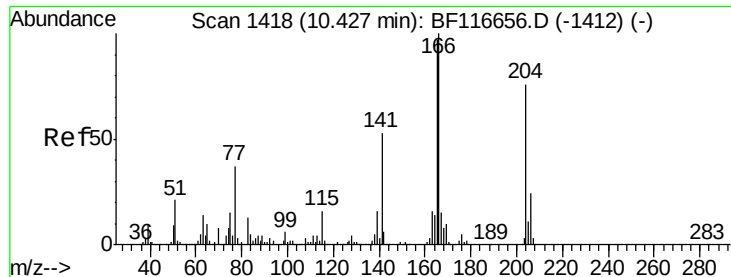
#60
Diethylphthalate
Concen: 38.417 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion:	149	Resp:	506283
Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.2	25.8
150	12.3	9.7	14.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

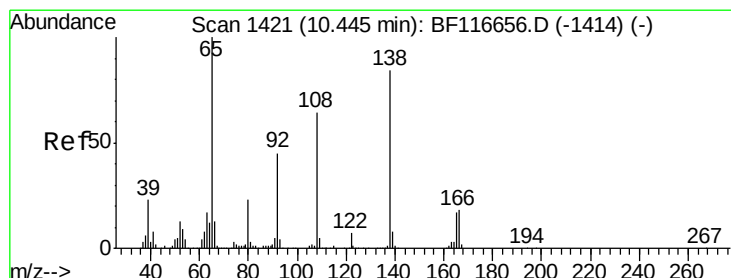
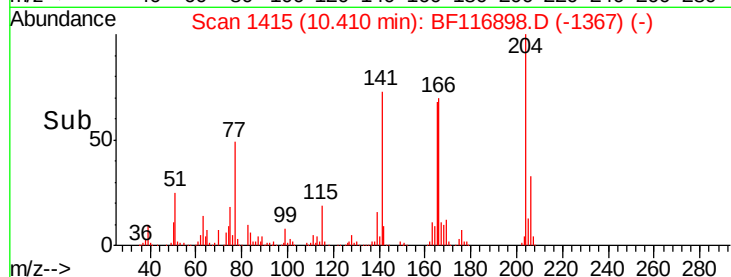
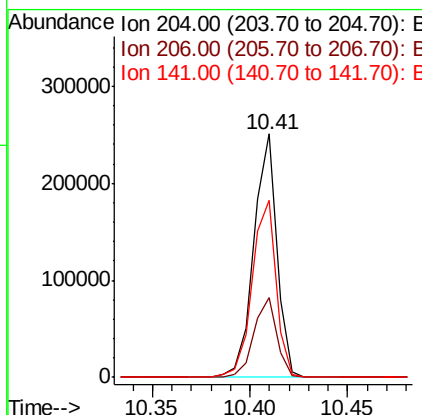
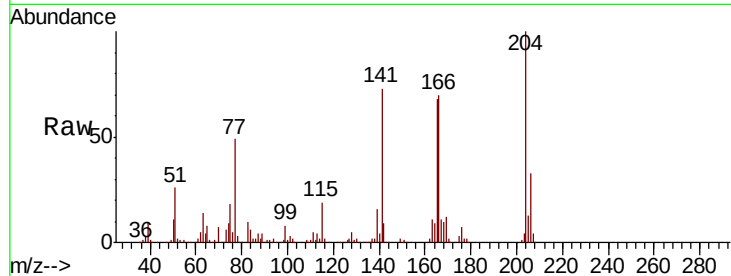




#61
4-Chlorophenyl-phenylether
Concen: 41.300 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

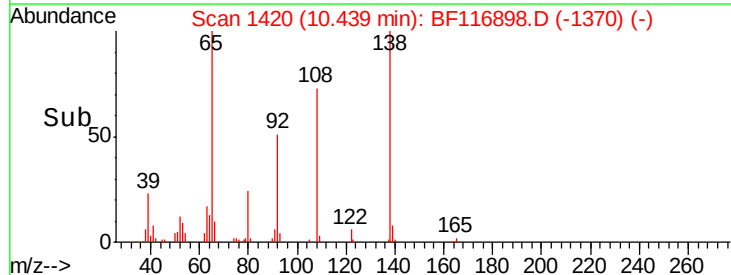
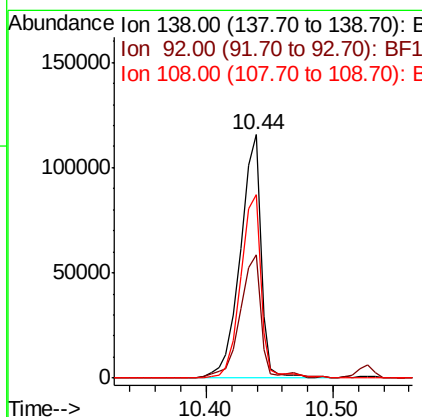
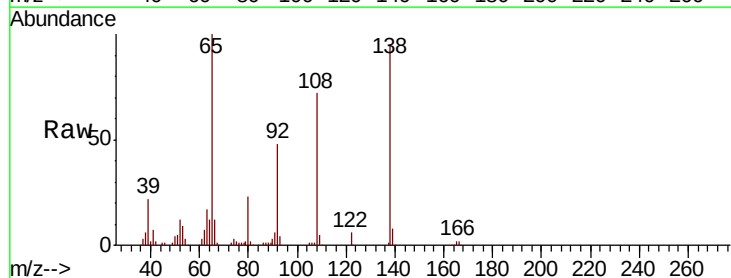
Instrument :
BNA_F
ClientSampleId :

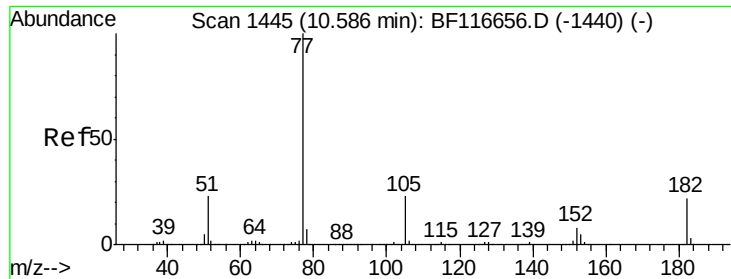
Tot Ion:204 Resp: 206646
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.2
141 72.6 53.8 80.8



#62
4-Nitroaniline
Concen: 42.889 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion:138 Resp: 130930
Ion Ratio Lower Upper
138 100
92 50.6 28.7 68.7
108 75.5 60.4 100.4





#63

Azobenzene

Concen: 38.559 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.02 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 529859

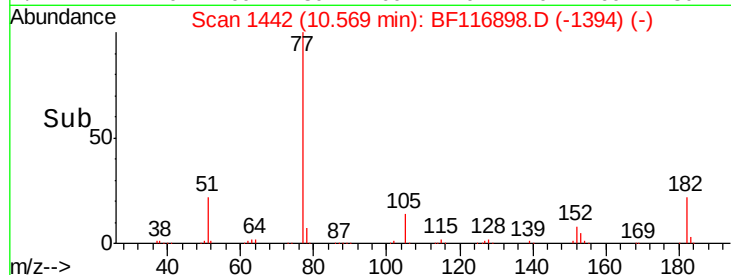
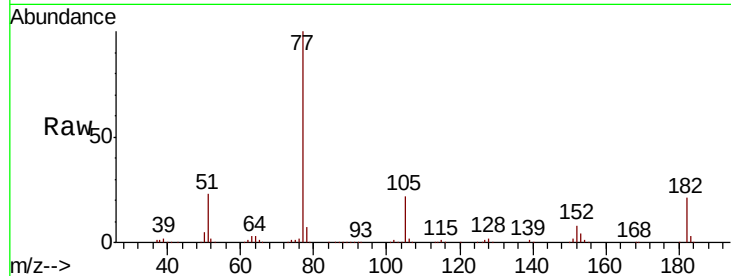
Ion Ratio Lower Upper

77 100

182 20.8 1.2 41.2

105 21.7 0.6 40.6

51 23.1 8.2 48.2

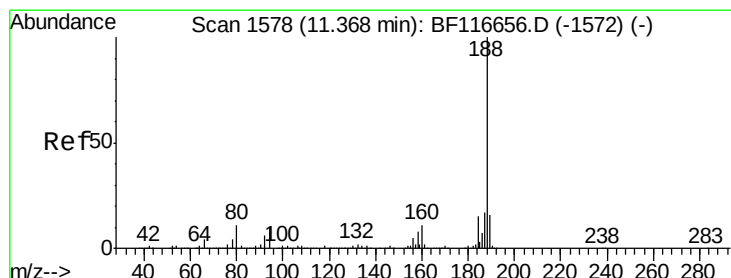
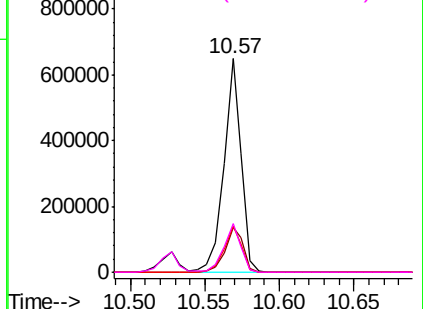


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

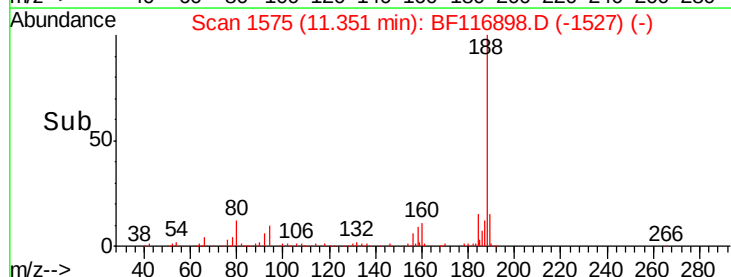
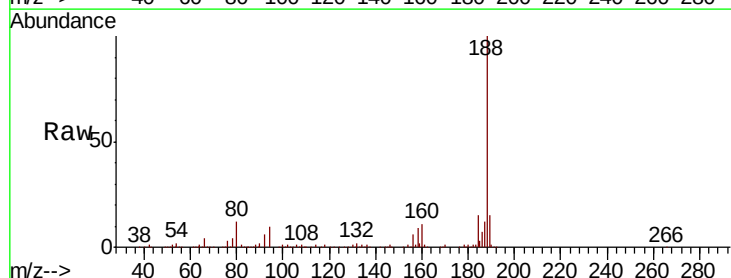
Tgt Ion: 188 Resp: 311725

Ion Ratio Lower Upper

188 100

94 9.6 7.3 10.9

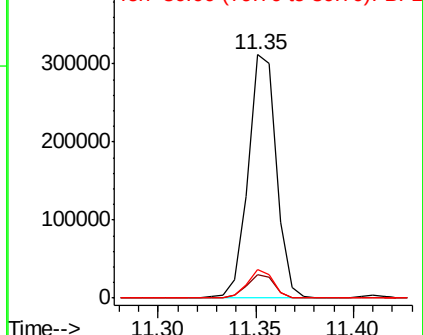
80 11.5 8.4 12.6

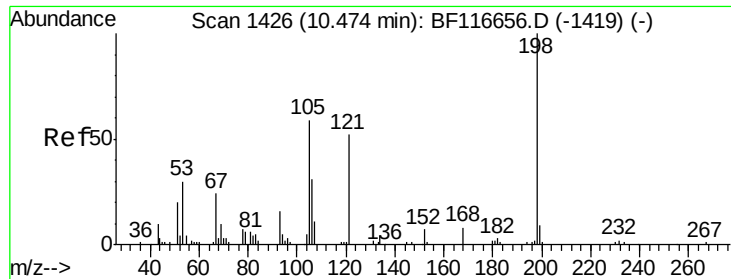


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

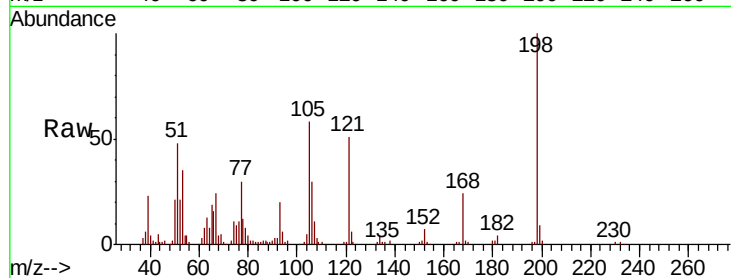




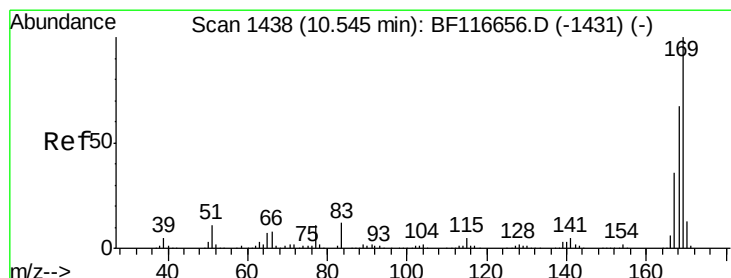
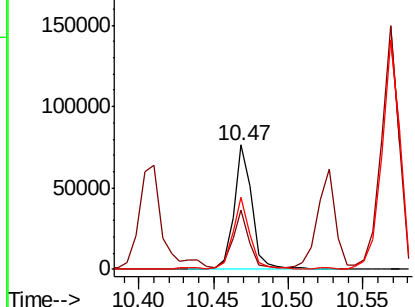
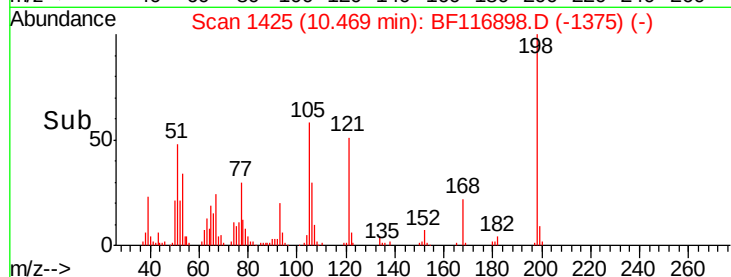
#65
4,6-Dinitro-2-methylphenol
Concen: 55.146 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 64819
Ion Ratio Lower Upper
198 100
51 48.1 18.4 58.4
105 58.2 22.9 62.9

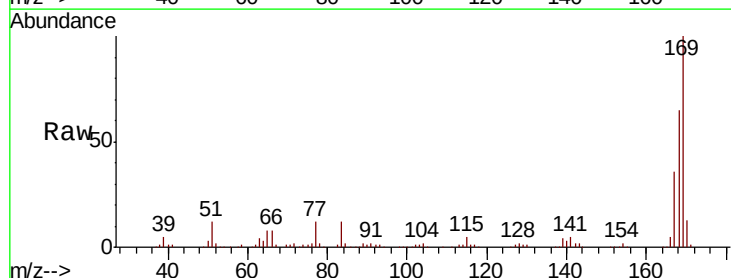


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

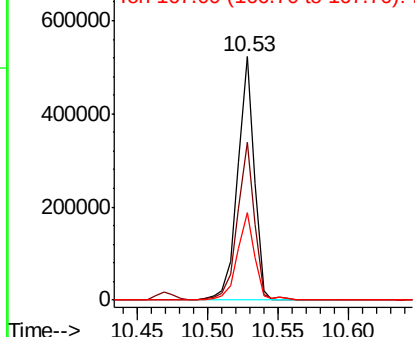
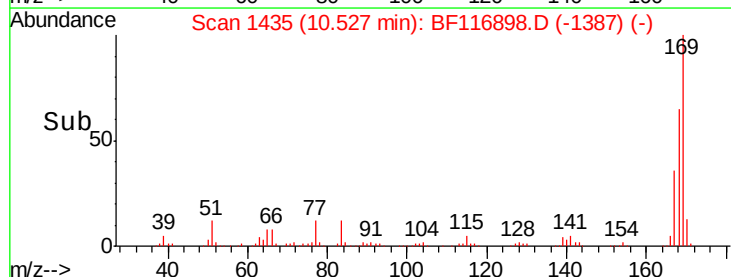


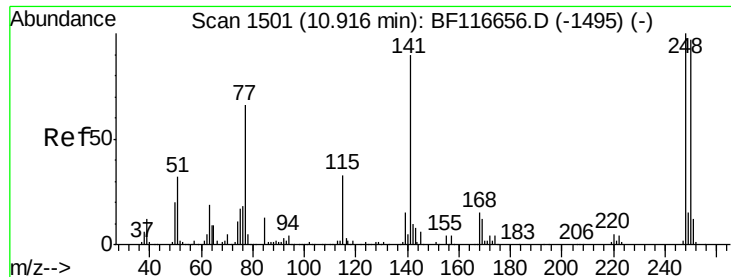
#66
n-Nitrosodiphenylamine
Concen: 39.603 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion:169 Resp: 427061
Ion Ratio Lower Upper
169 100
168 64.9 55.8 83.6
167 36.1 29.4 44.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

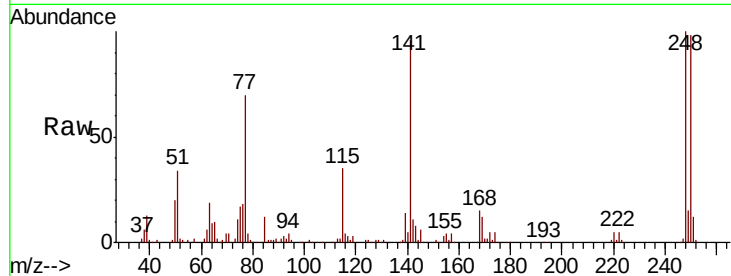




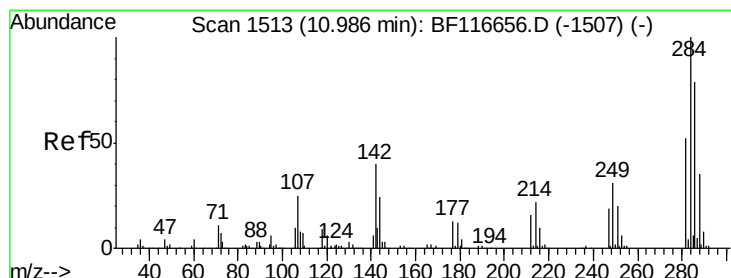
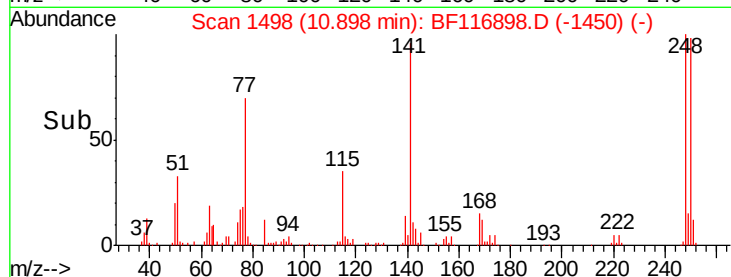
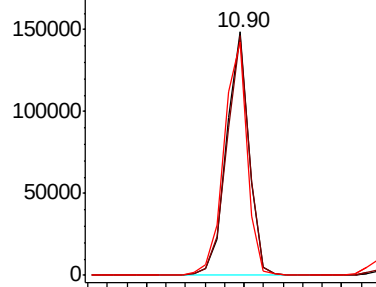
#67
4-Bromophenyl-phenylether
Concen: 37.474 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 118670
Ion Ratio Lower Upper
248 100
250 98.5 77.8 116.8
141 96.0 75.9 113.9

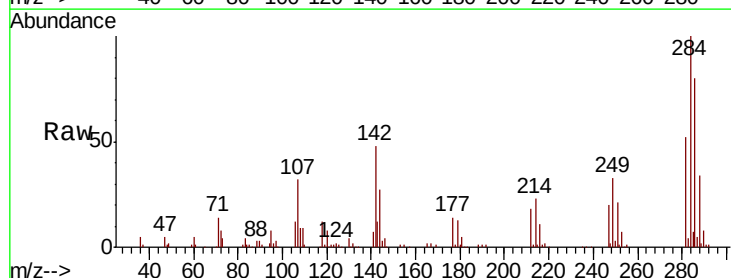


Abundance Ion 248.00 (247.70 to 248.70): E
200000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

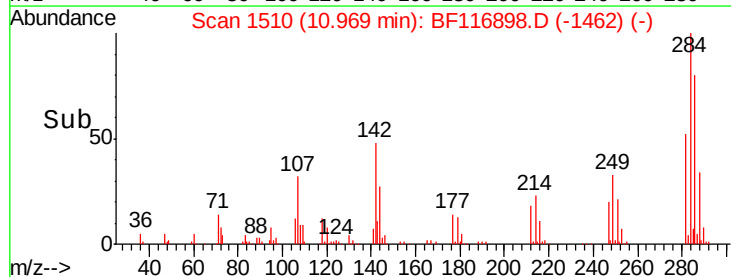
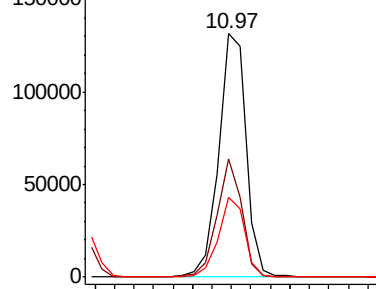


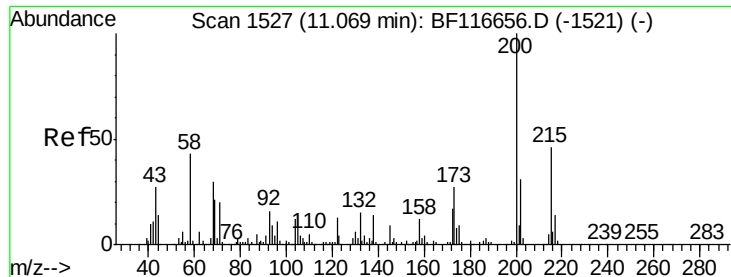
#68
Hexachlorobenzene
Concen: 38.550 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion:284 Resp: 127724
Ion Ratio Lower Upper
284 100
142 48.4 34.0 51.0
249 32.6 26.4 39.6



Abundance Ion 283.80 (283.50 to 284.50): E
150000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 37.176 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.02 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

ClientSampleId :

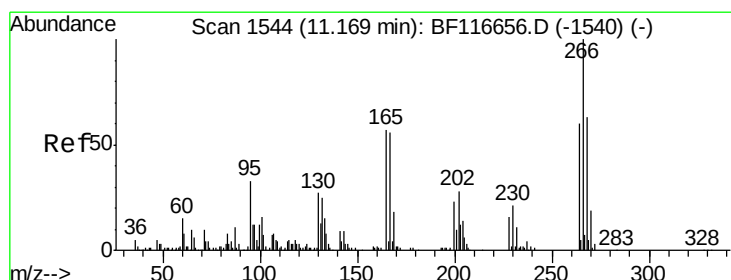
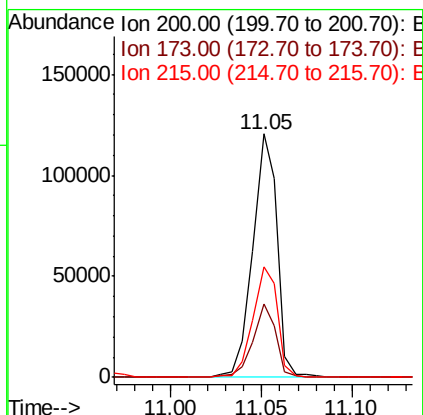
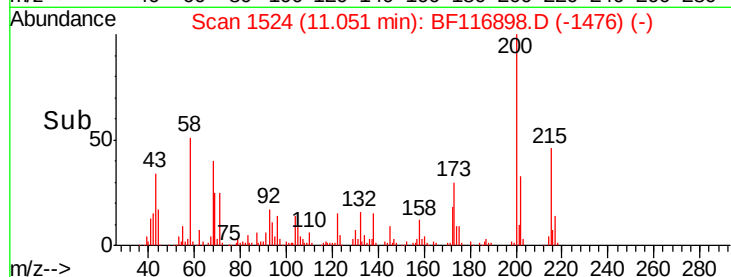
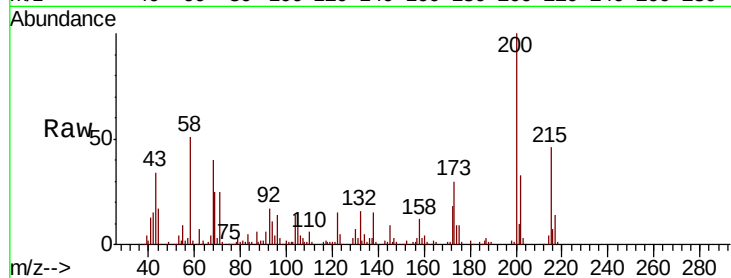
Tot Ion:200 Resp: 112278

Ion Ratio Lower Upper

200 100

173 30.3 6.2 46.2

215 45.5 24.3 64.3



#70

Pentachlorophenol

Concen: 90.164 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

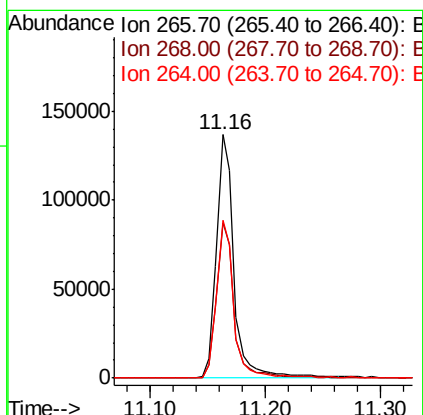
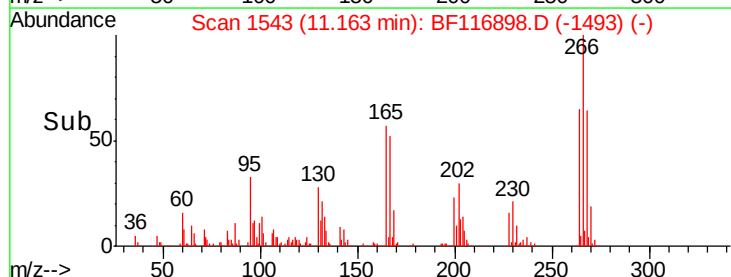
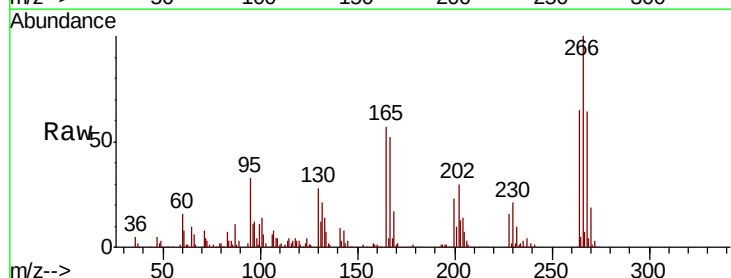
Tgt Ion:266 Resp: 144511

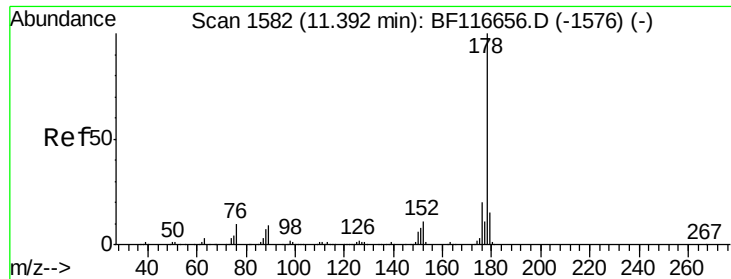
Ion Ratio Lower Upper

266 100

268 63.6 51.2 76.8

264 64.6 51.9 77.9





#71

Phenanthrene

Concen: 39.544 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

ClientSampleId :

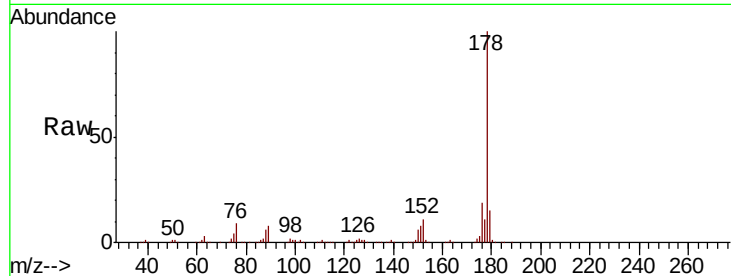
Tot Ion:178 Resp: 686198

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

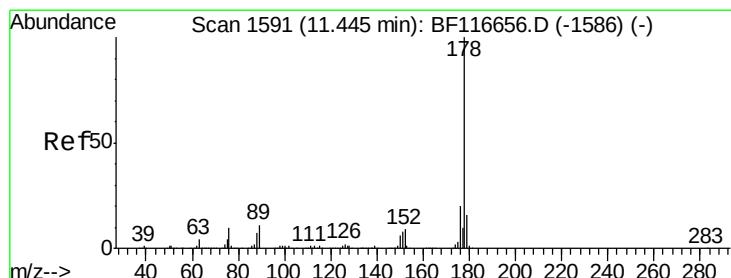
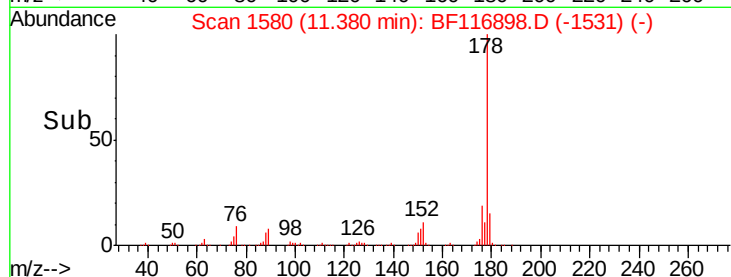
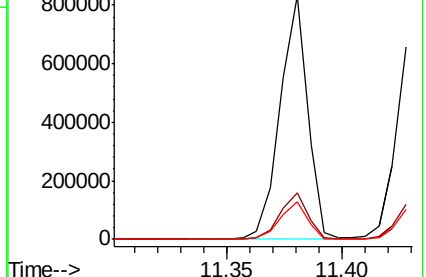
179 15.4 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.111 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

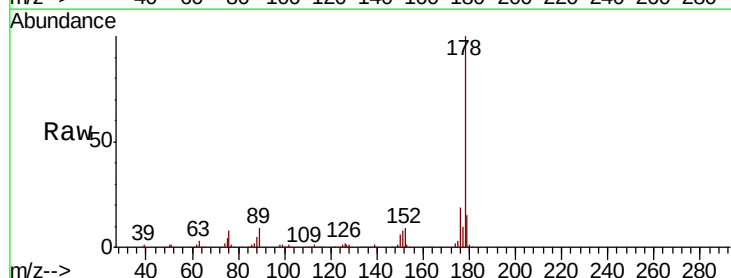
Tgt Ion:178 Resp: 700655

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

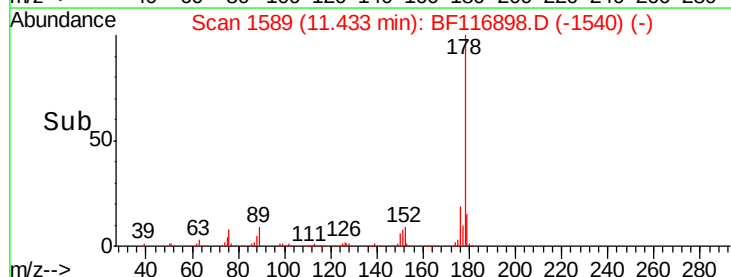
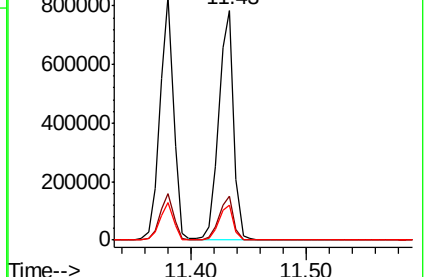
179 15.1 12.5 18.7

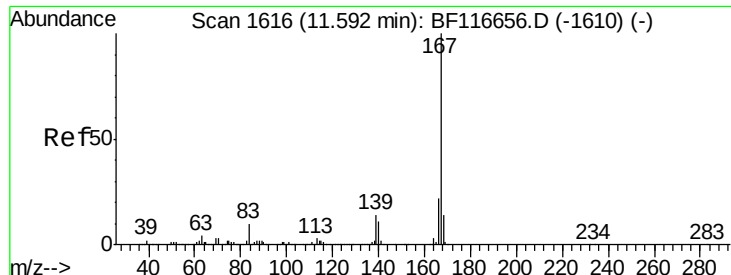


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

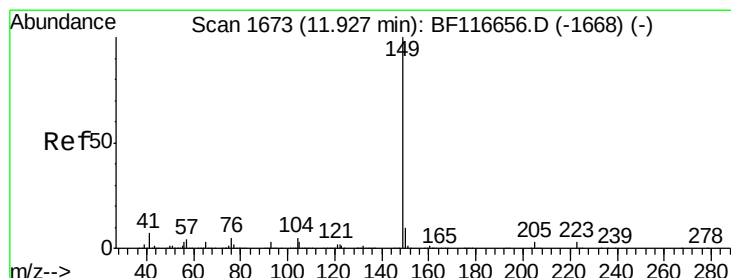
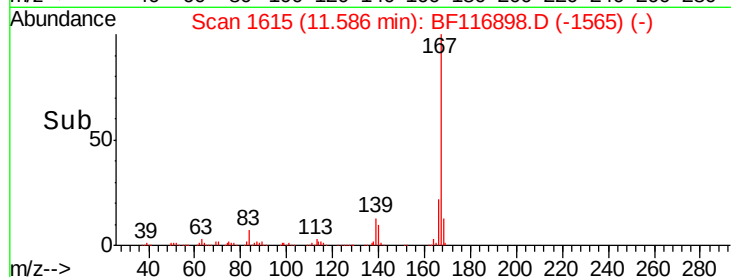
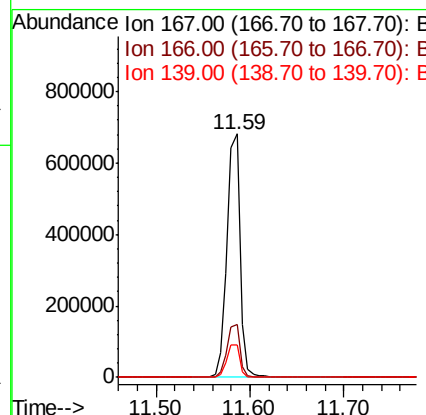
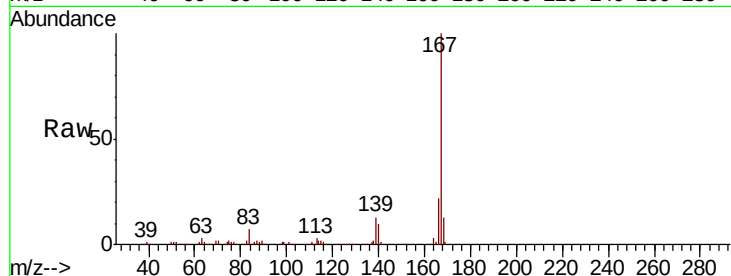




#73
 Carbazole
 Concen: 40.219 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

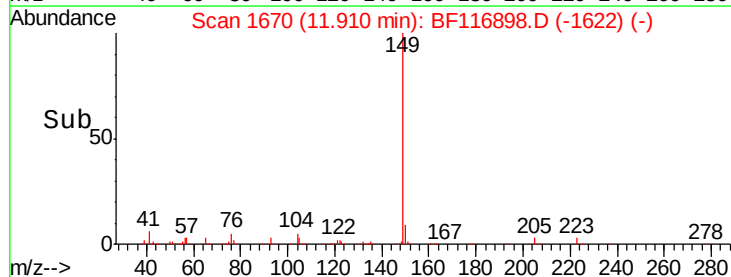
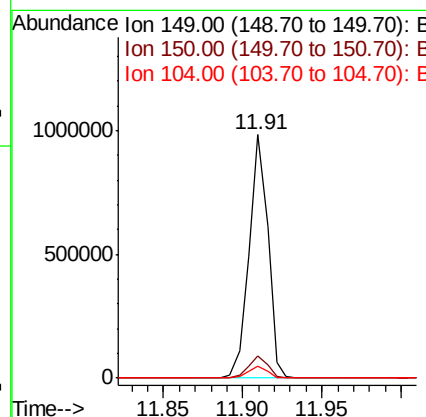
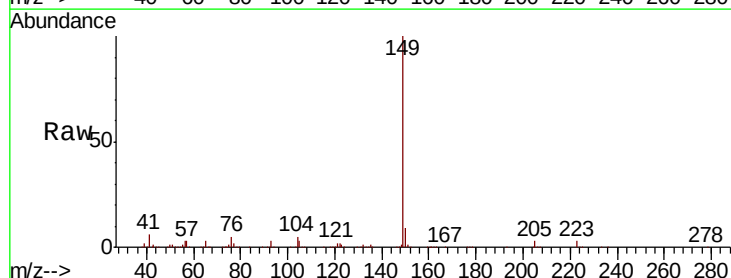
Instrument :
 BNA_F
 ClientSampleId :

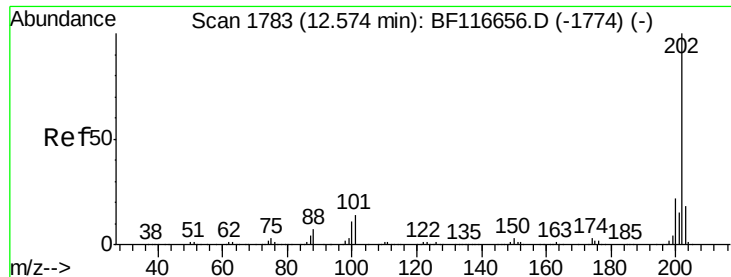
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	13.3	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 37.960 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.02 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.1	4.2	6.2

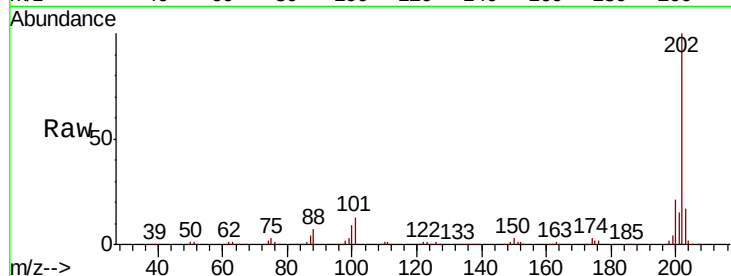




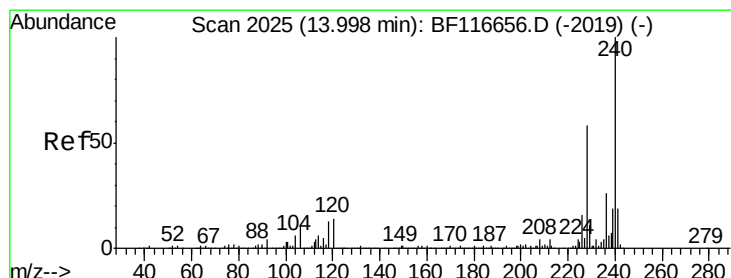
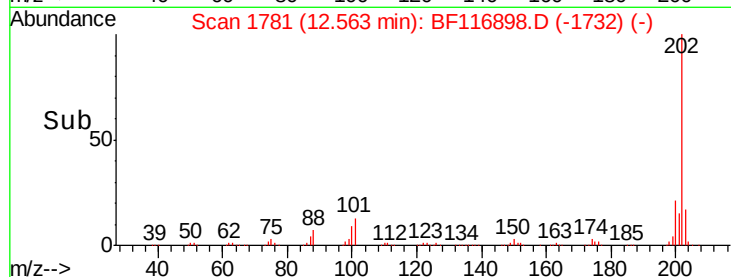
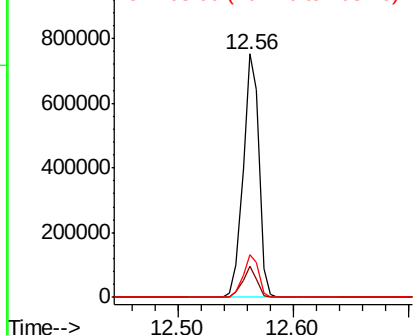
#75
Fluoranthene
Concen: 41.694 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.3
203	17.3	0.0	37.6

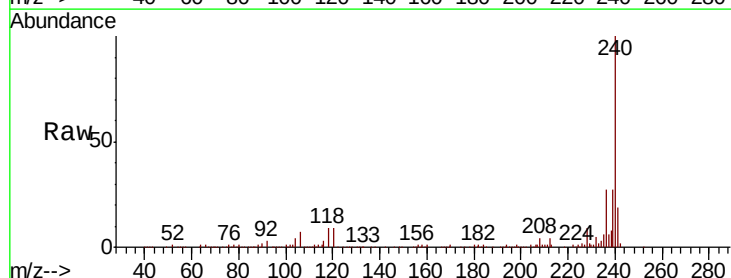


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

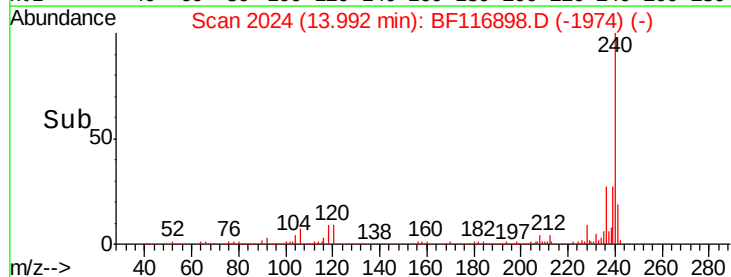
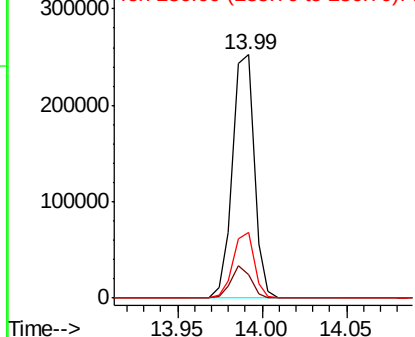


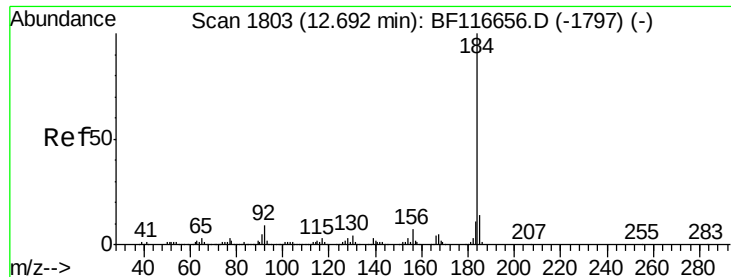
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.1	13.7
236	27.2	21.1	31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 16.715 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

ClientSampleId :

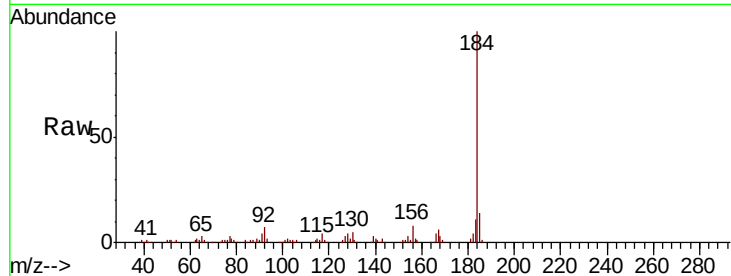
Tot Ion:184 Resp: 148415

Ion Ratio Lower Upper

184 100

185 13.9 11.3 16.9

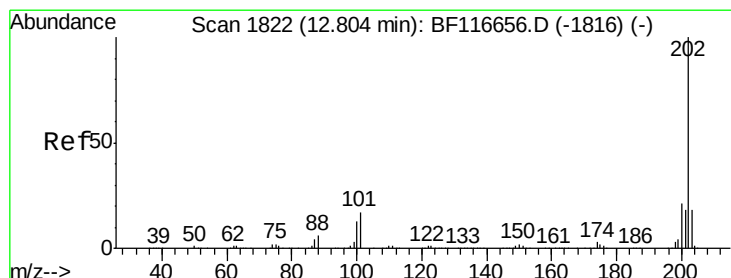
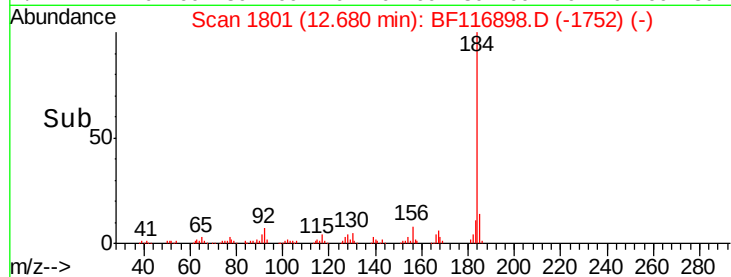
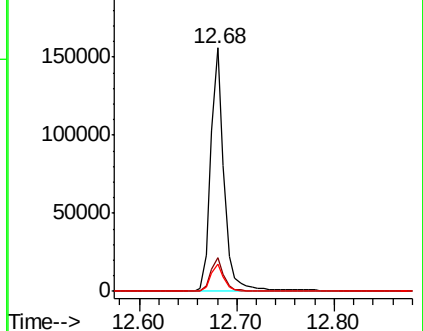
183 11.0 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.838 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

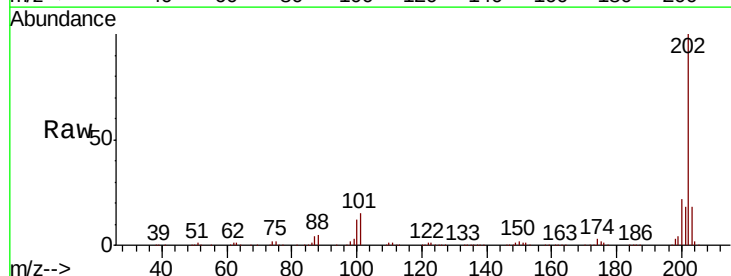
Tgt Ion:202 Resp: 721198

Ion Ratio Lower Upper

202 100

200 21.8 16.5 24.7

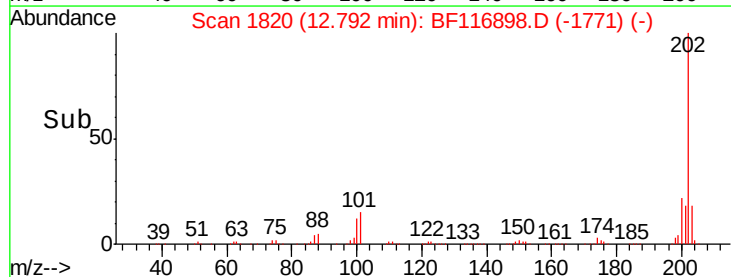
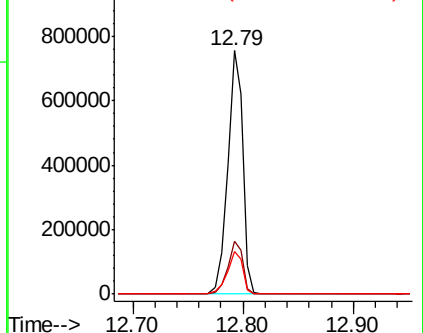
203 17.7 13.7 20.5

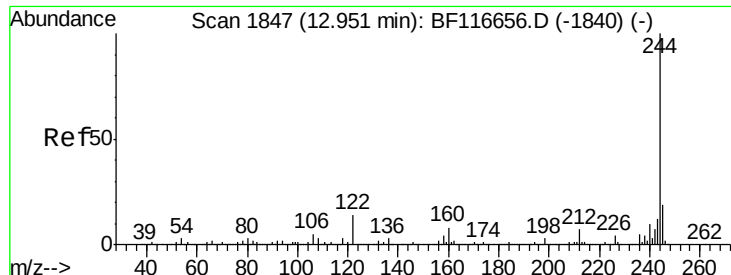


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

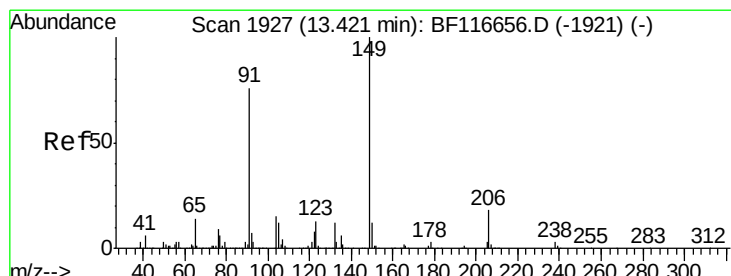
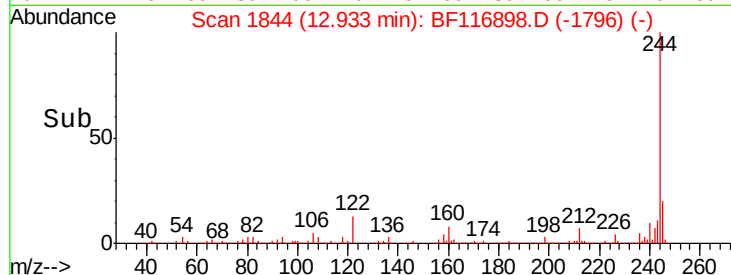
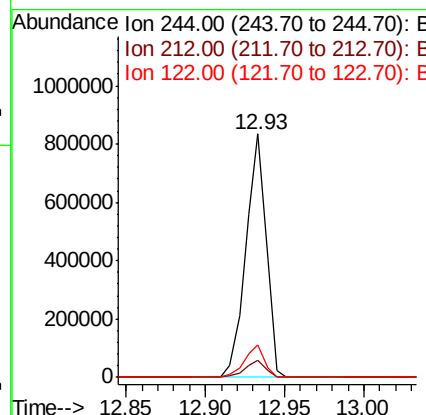
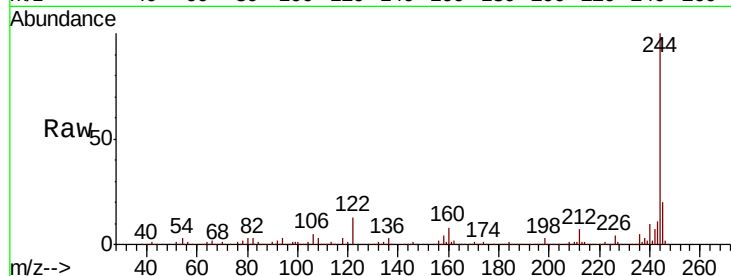




#79
 Terphenyl-d14
 Concen: 60.188 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

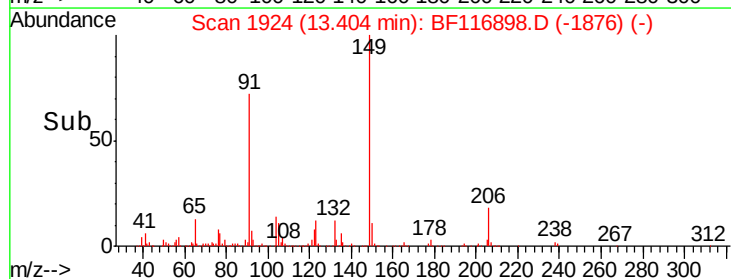
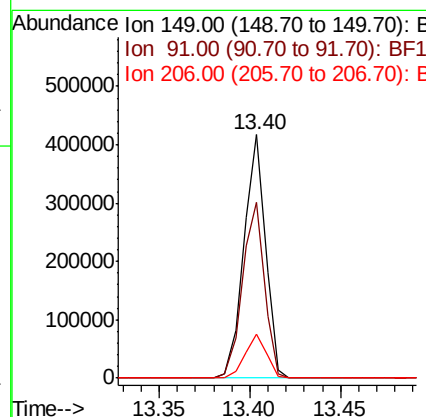
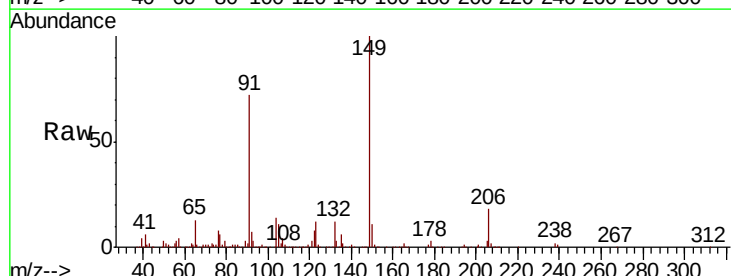
Instrument :
 BNA_F
 ClientSampled :

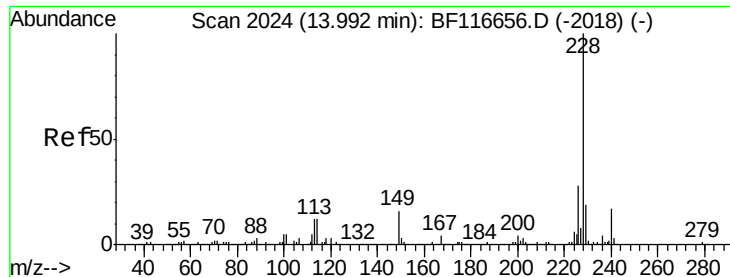
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	13.4	10.2	15.4



#80
 Butylbenzylphthalate
 Concen: 35.324 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.02 min
 Lab File: BF116898.D
 Acq: 9 Sep 2019 15:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.0	61.0	91.4
206	18.0	14.8	22.2





#81

Benzo(a)anthracene

Concen: 40.606 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

ClientSampleId :

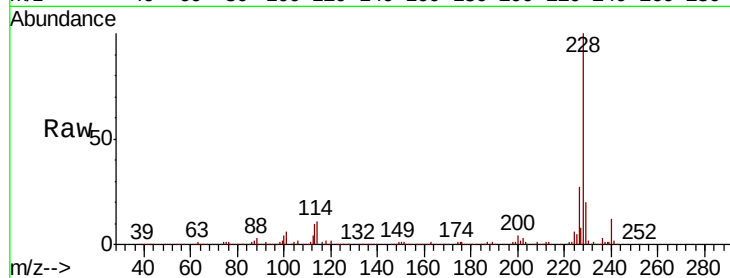
Tot Ion:228 Resp: 581790

Ion Ratio Lower Upper

228 100

226 27.1 22.0 33.0

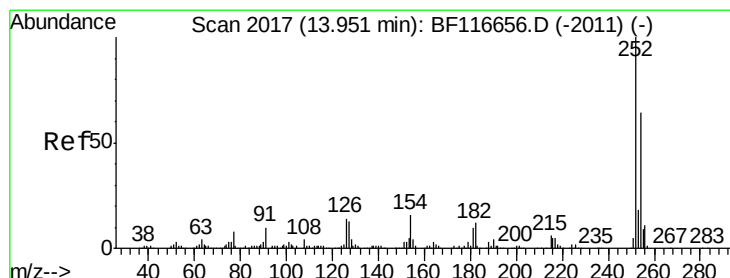
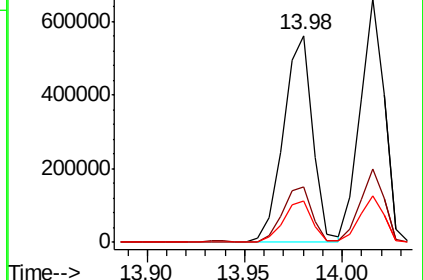
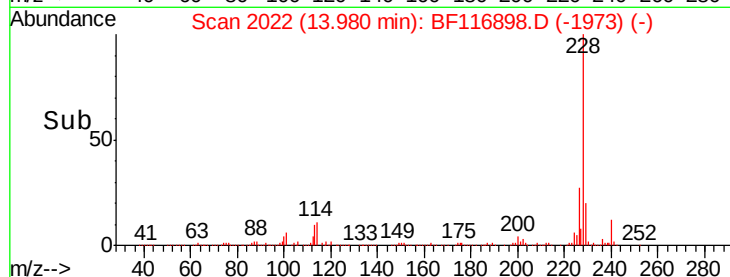
229 19.9 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.981 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

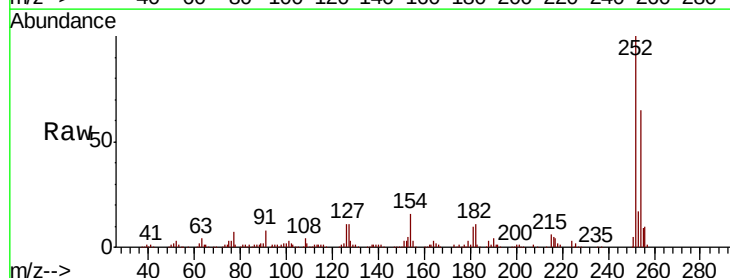
Tgt Ion:252 Resp: 174219

Ion Ratio Lower Upper

252 100

254 65.2 50.1 75.1

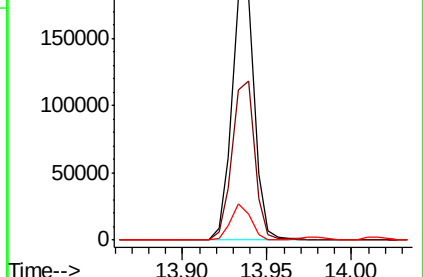
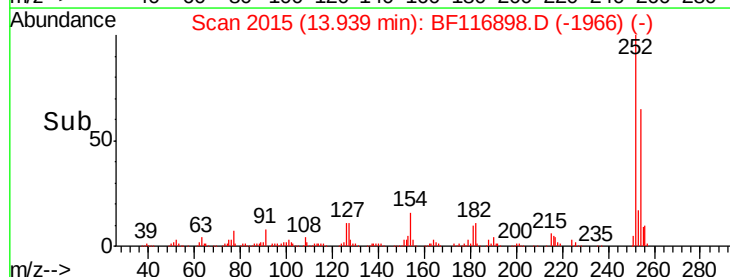
126 10.7 10.6 16.0

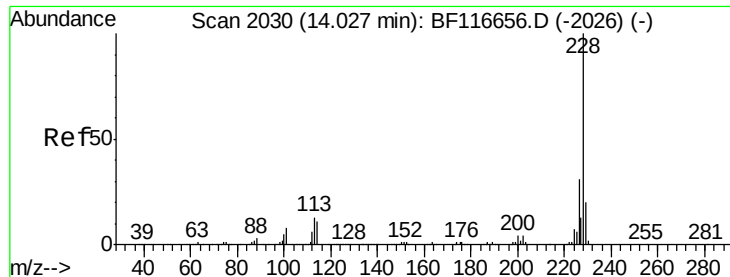


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.769 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

Instrument :

BNA_F

ClientSampleId :

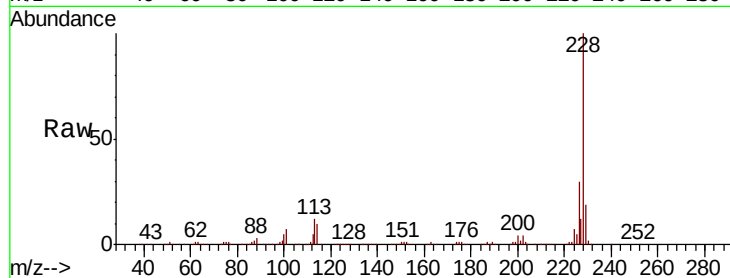
Tot Ion:228 Resp: 572280

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

229 19.3 15.4 23.0

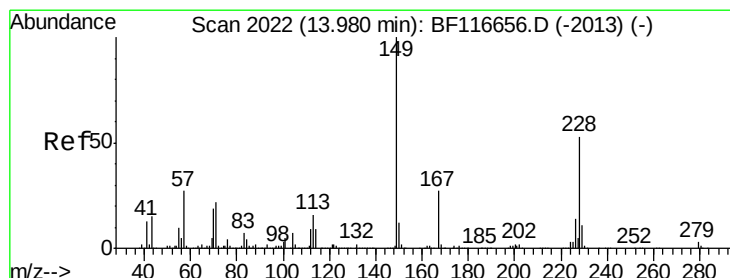
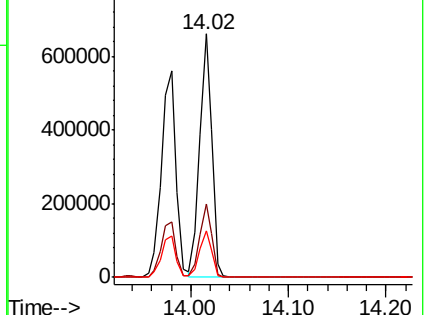
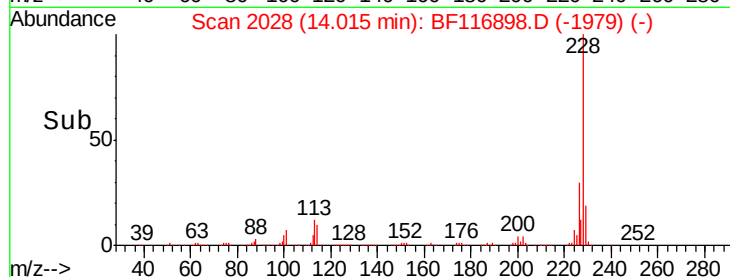


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.070 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF116898.D

Acq: 9 Sep 2019 15:58

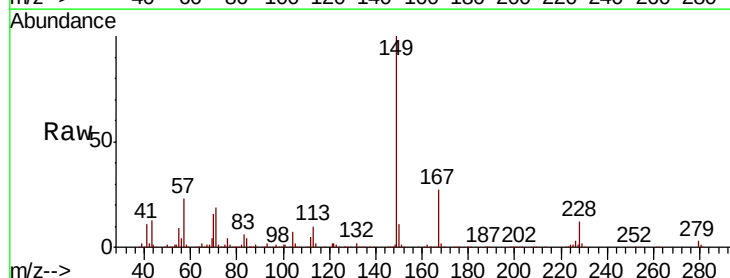
Tgt Ion:149 Resp: 471982

Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.4

279 3.3 2.8 4.2

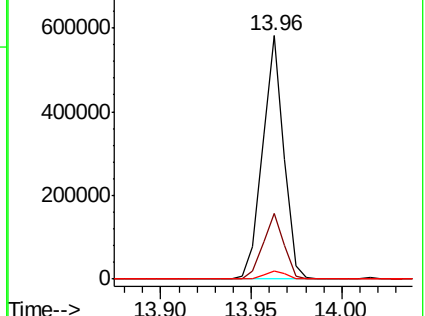
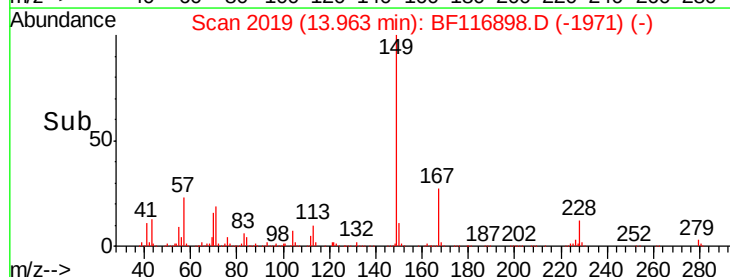


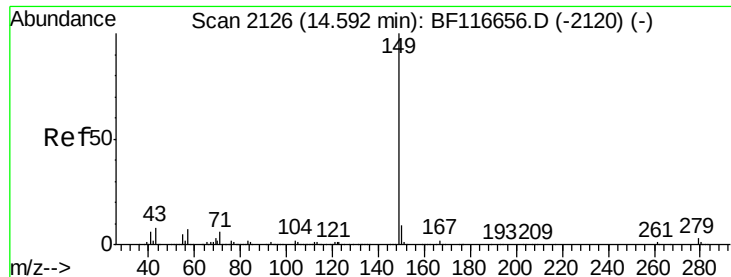
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

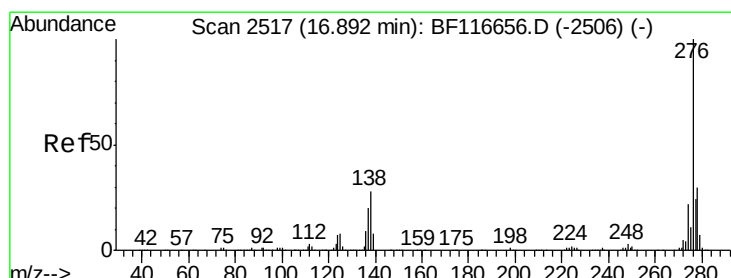
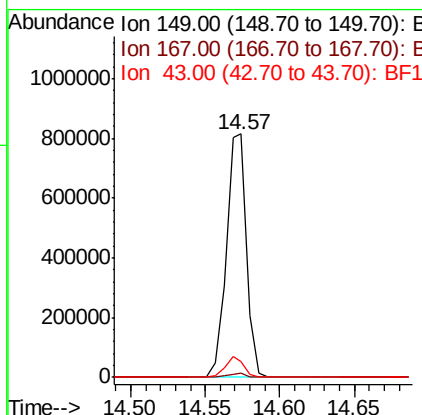
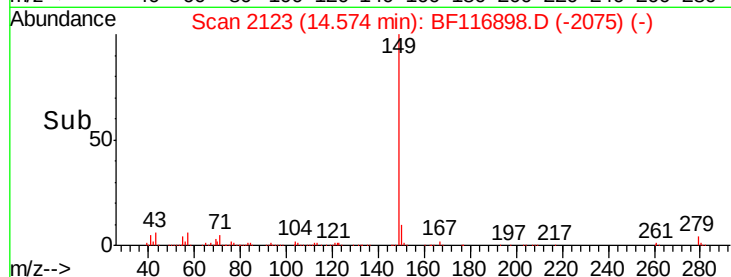
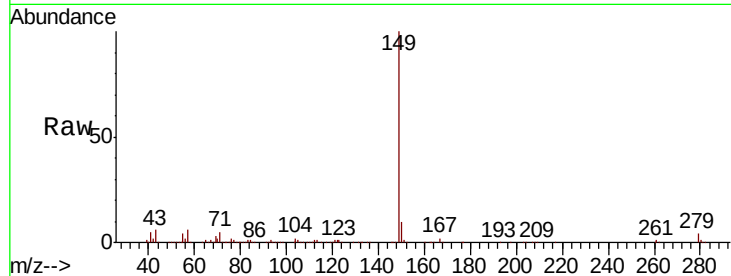




#85
Di-n-octyl phthalate
Concen: 39.272 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

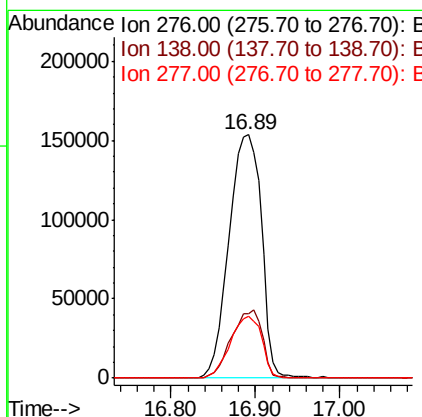
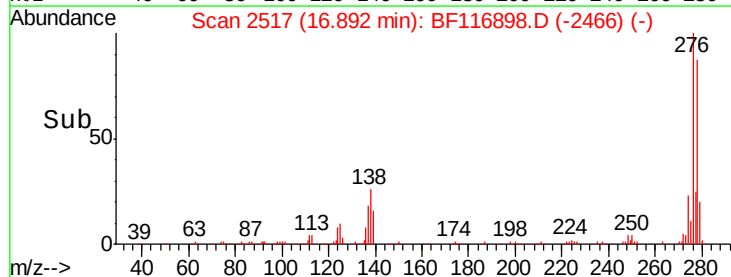
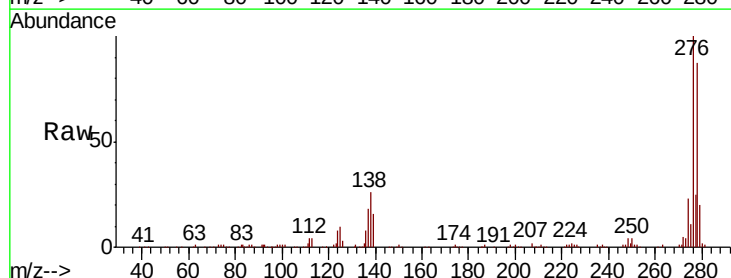
Instrument :
BNA_F
ClientSampleId :

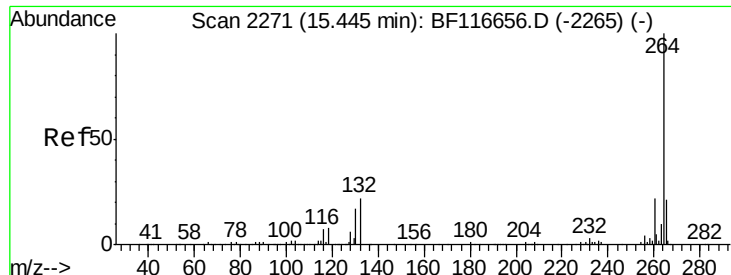
Tot Ion:149 Resp: 776374
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 7.6 7.8 11.8#



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.376 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion:276 Resp: 407584
Ion Ratio Lower Upper
276 100
138 26.9 19.4 29.2
277 24.7 20.5 30.7



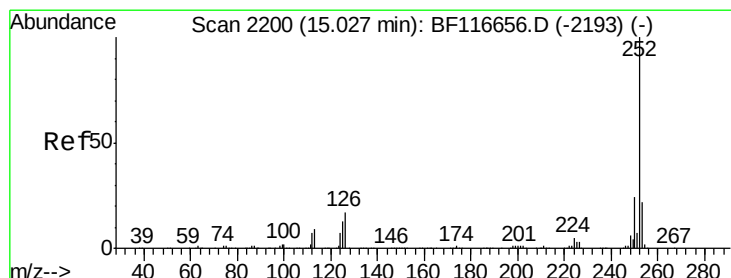
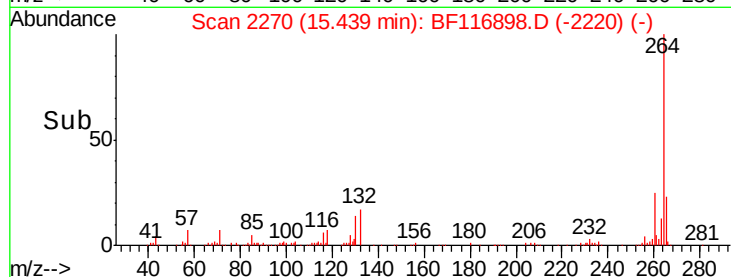
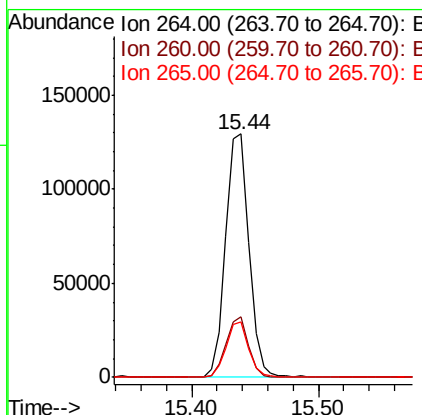
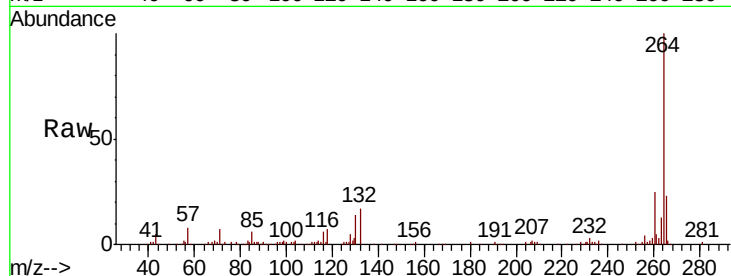


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 165034

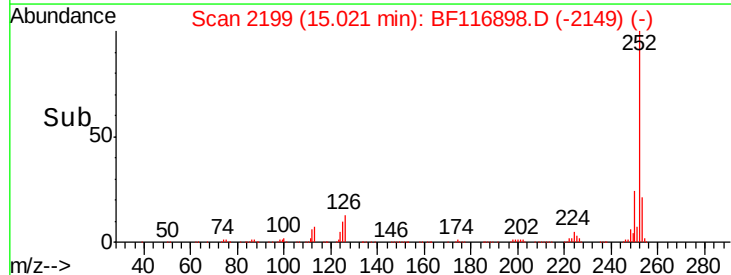
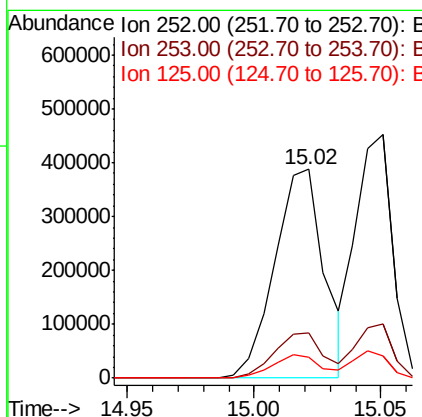
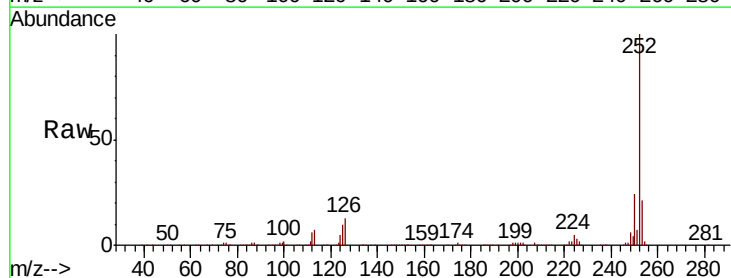
Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.3	27.5
265	22.8	16.5	24.7

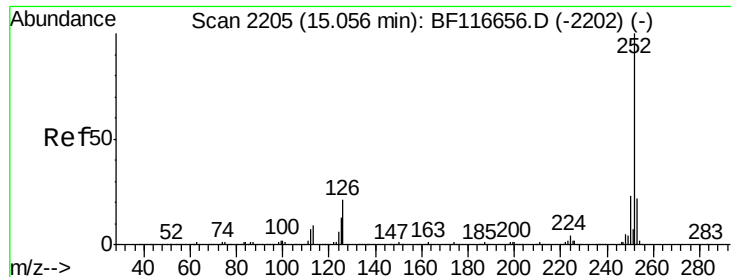


#88
Benzo(b)fluoranthene
Concen: 52.695 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion:252 Resp: 525771

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	9.9	8.2	12.2

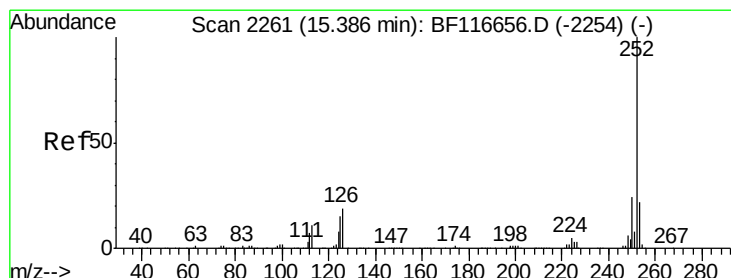
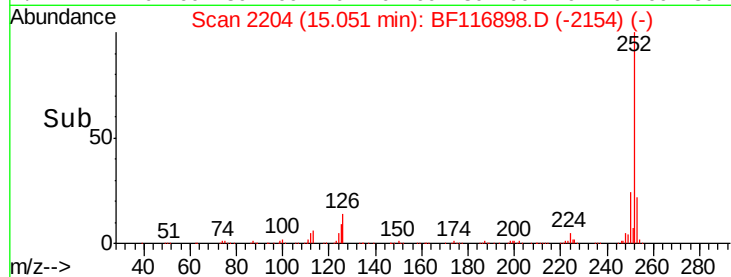
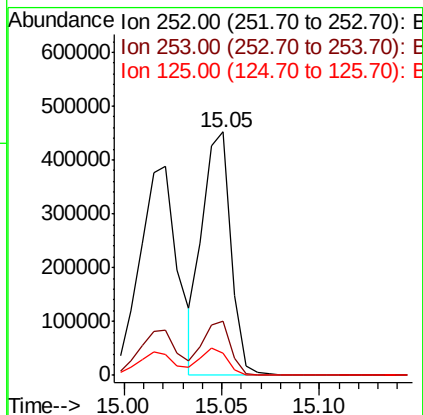
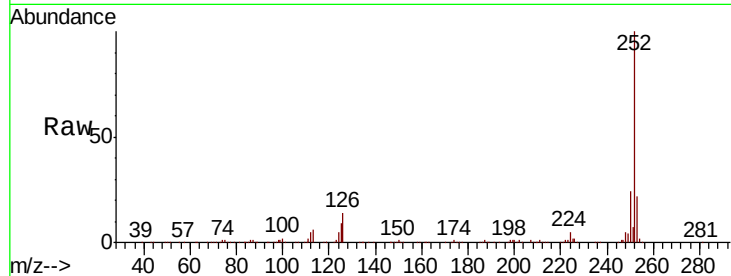




#89
Benzo(k)fluoranthene
Concen: 50.331 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

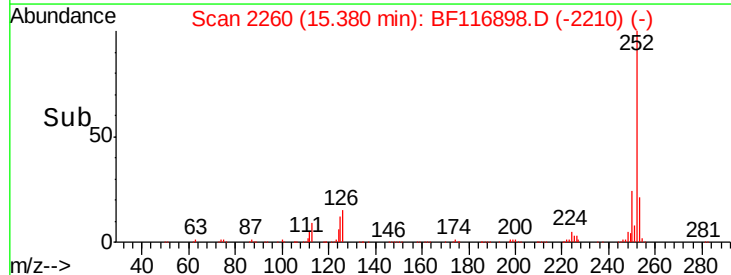
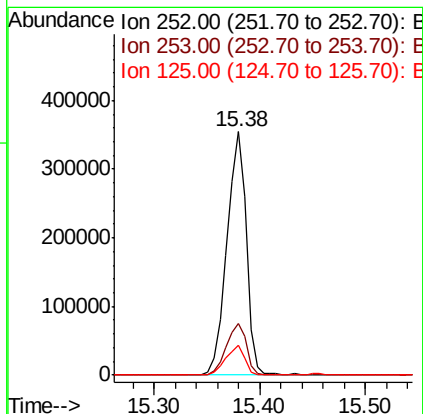
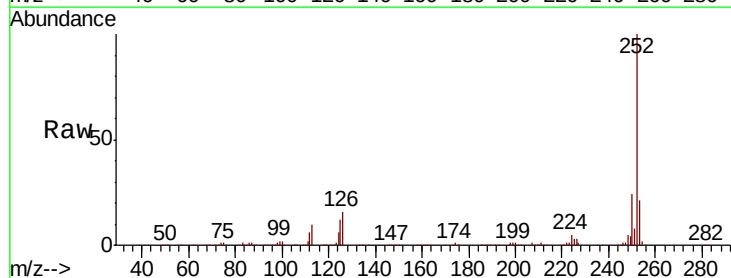
Instrument :
BNA_F
ClientSampleId :

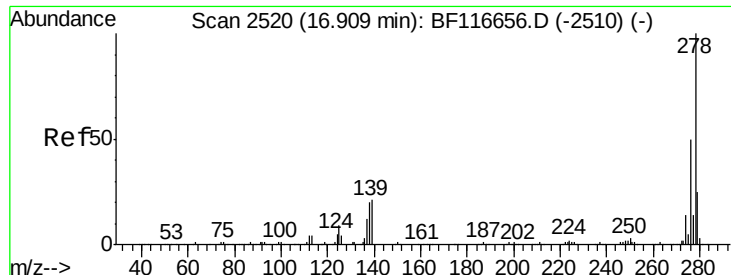
Tot Ion:252 Resp: 457879
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.3 8.6 13.0



#90
Benzo(a)pyrene
Concen: 51.949 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion:252 Resp: 450956
Ion Ratio Lower Upper
252 100
253 21.3 18.1 27.1
125 12.2 9.8 14.8

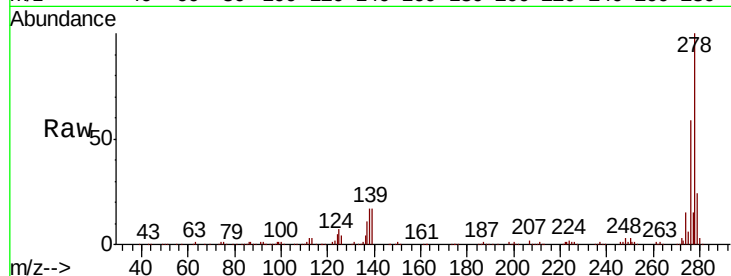




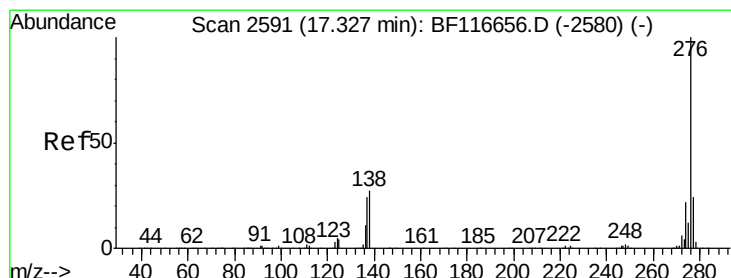
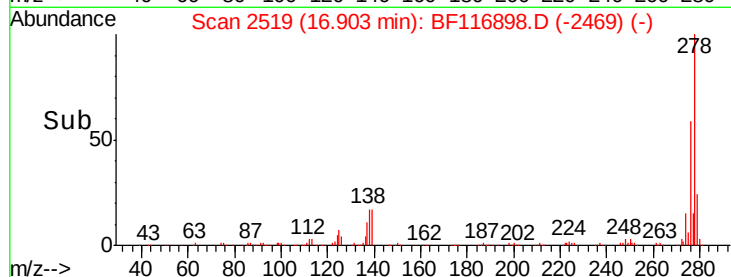
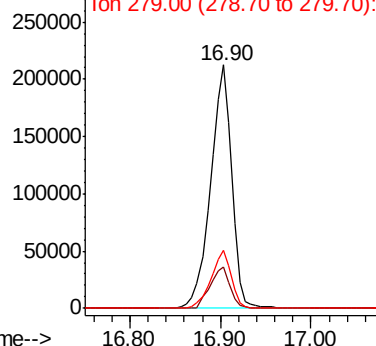
#91
Dibenzo(a,h)anthracene
Concen: 45.402 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 344977
Ion Ratio Lower Upper
278 100
139 17.0 12.4 18.6
279 23.7 18.2 27.4

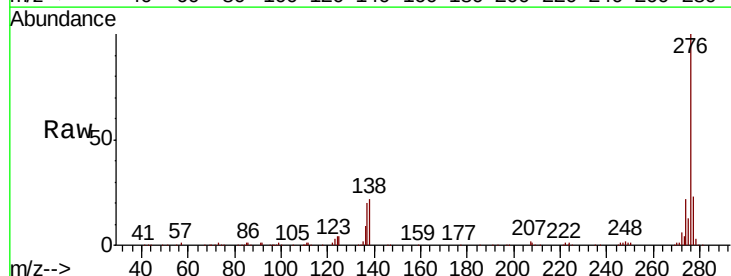


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.320 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.00 min
Lab File: BF116898.D
Acq: 9 Sep 2019 15:58

Tgt Ion:276 Resp: 335697
Ion Ratio Lower Upper
276 100
277 22.6 18.5 27.7
138 21.9 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

